

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061521\
 Data File : BF124337.D
 Acq On : 15 Jun 2021 23:03
 Operator : JU/CG
 Sample : M2691-02DL 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-VNJ-208DL

Manual Integrations
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Quant Time: Jun 16 01:28:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	35433	20.00	ng	0.00
21) Naphthalene-d8	8.069	136	134769	20.00	ng	0.00
39) Acenaphthene-d10	9.821	164	81182	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	153787	20.00	ng	0.00
76) Chrysene-d12	13.957	240	86932	20.00	ng	0.00
86) Perylene-d12	15.409	264	64020	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	20228	8.59	ng	0.00
7) Phenol-d6	6.439	99	8941	2.83	ng	0.00
23) Nitrobenzene-d5	7.345	82	20914	6.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	9203	8.00	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	39330	6.10	ng	-0.01
79) Terphenyl-d14	12.892	244	40354	6.37	ng	-0.01
Target Compounds						Qvalue
25) Isophorone	7.604	82	22414	3.66	ng	99
31) Naphthalene	8.086	128	23367	2.90	ng	# 93
55) Dibenzofuran	10.027	168	19315	2.33	ng	94
71) Phenanthrene	11.339	178	193144	20.10	ng	96
72) Anthracene	11.386	178	29056	3.00	ng	96
75) Fluoranthene	12.527	202	167780	16.64	ng	96
78) Pyrene	12.757	202	120530	14.44	ng	98
81) Benzo(a)anthracene	13.945	228	54237	8.56	ng	96
83) Chrysene	13.980	228	49989	8.18	ng	96
87) Indeno(1,2,3-cd)pyrene	16.856	276	11441	6.29	ng	# 92
88) Benzo(b)fluoranthene	14.992	252	57647m	11.59	ng	
89) Benzo(k)fluoranthene	15.015	252	16137m	3.43	ng	
90) Benzo(a)pyrene	15.351	252	29683	6.87	ng	97
91) Dibenzo(a,h)anthracene	16.856	278	4827	5.14	ng	# 58
92) Benzo(g,h,i)perylene	17.286	276	8984	5.65	ng	# 87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

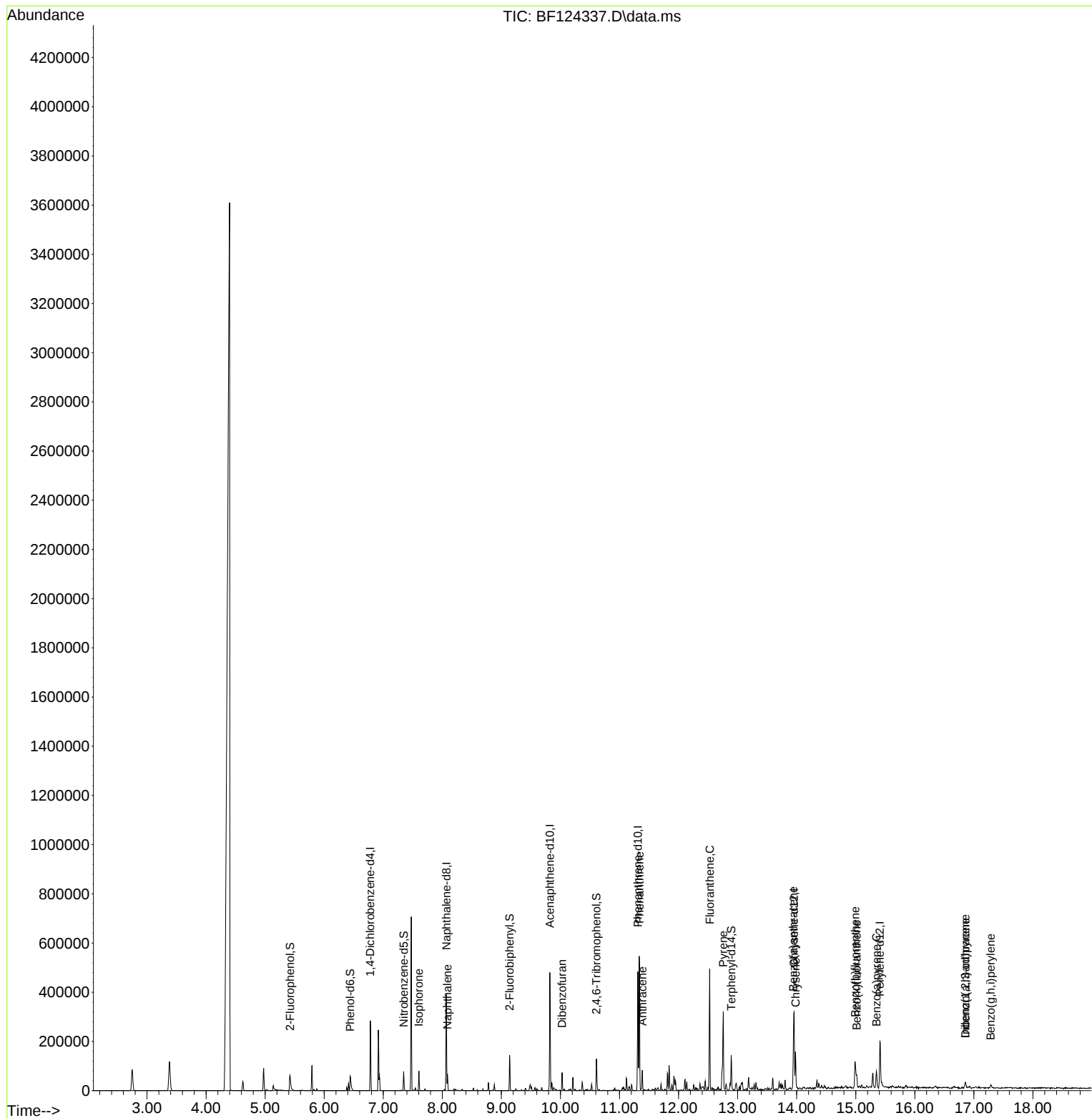
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061521\
Data File : BF124337.D
Acq On : 15 Jun 2021 23:03
Operator : JU/CG
Sample : M2691-02DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

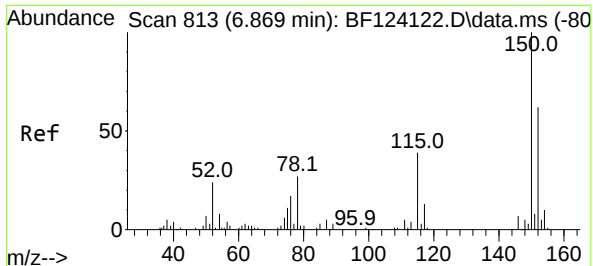
Instrument :
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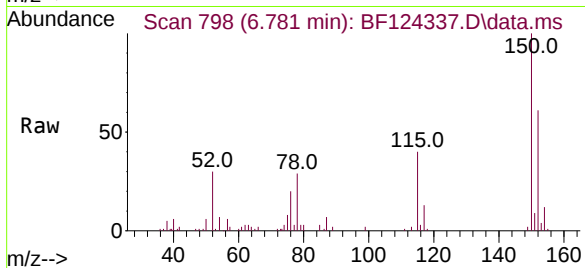
Quant Time: Jun 16 01:28:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 15 20:09:26 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124337.D
Acq: 15 Jun 2021 23:03

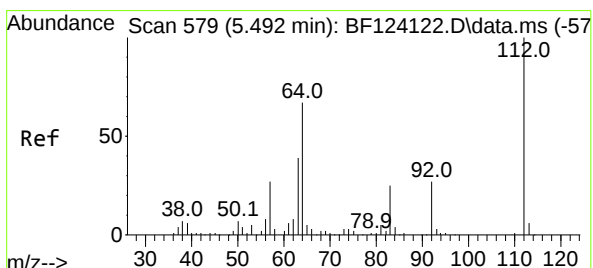
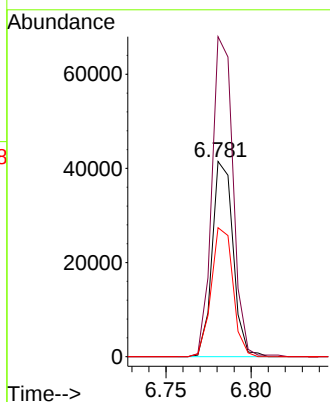
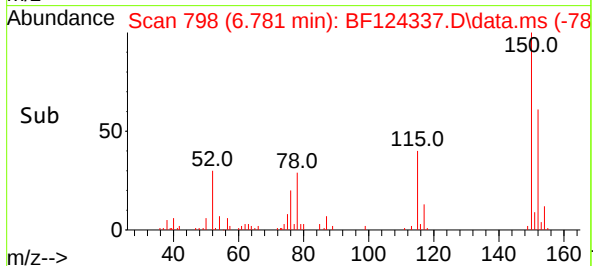
Instrument :
BNA_F
ClientSampleId :
RO-VNJ-208DL



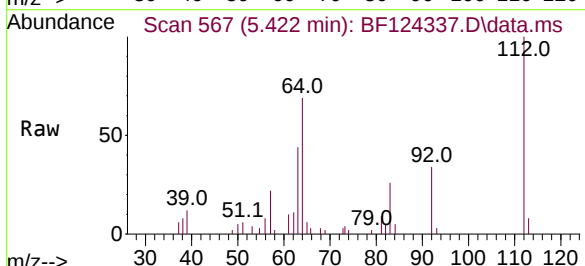
Tgt Ion:152 Resp: 35433
Ion Ratio Lower Upper
152 100
150 163.9 127.0 190.6
115 66.0 54.3 81.5

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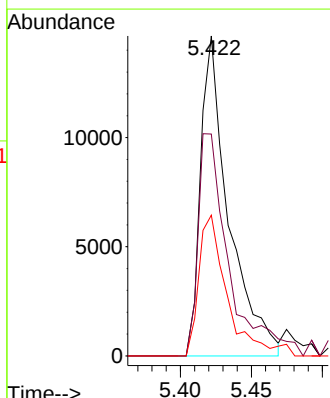
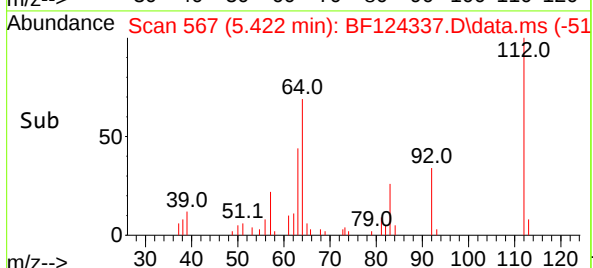
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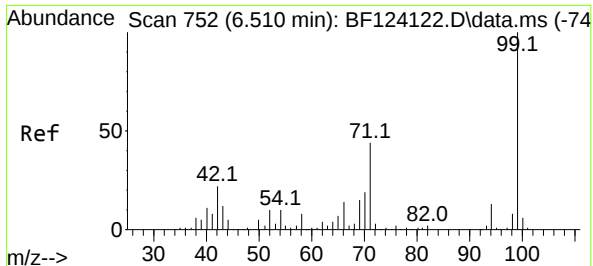


#5
2-Fluorophenol
Concen: 8.59 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF124337.D
Acq: 15 Jun 2021 23:03



Tgt Ion:112 Resp: 20228
Ion Ratio Lower Upper
112 100
64 69.3 61.4 92.0
63 44.0 33.0 49.4





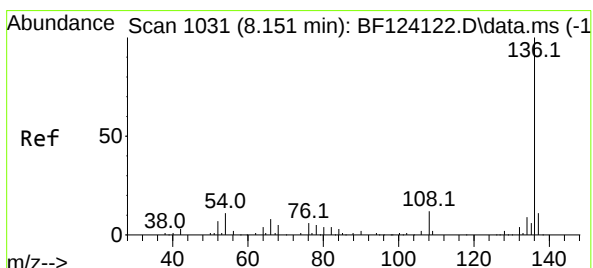
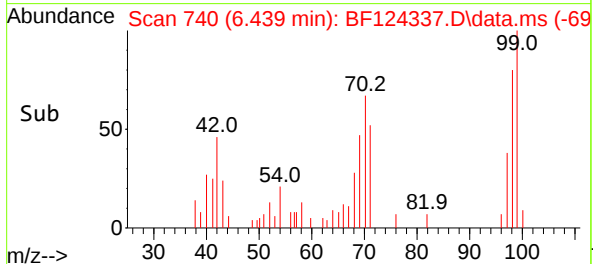
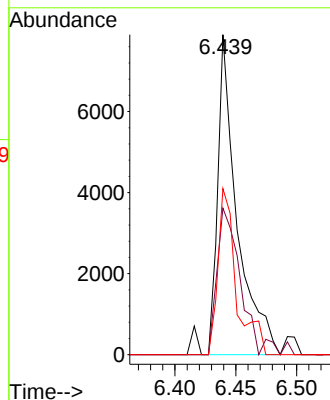
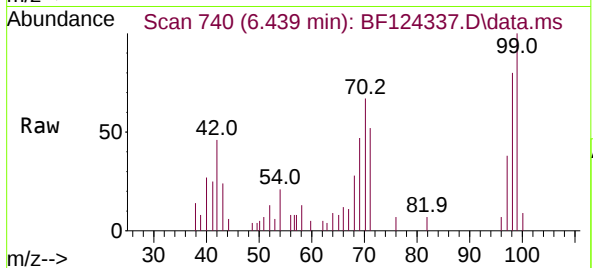
#7
Phenol-d6
Concen: 2.83 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF124337.D
Acq: 15 Jun 2021 23:03

Tgt Ion:	99	Resp:	8941
Ion	Ratio	Lower	Upper
99	100		
42	45.8	19.8	29.8#
71	51.9	31.1	46.7#

Instrument :
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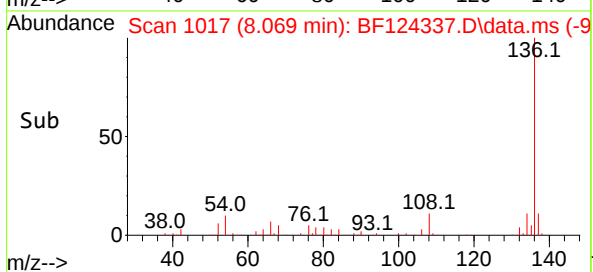
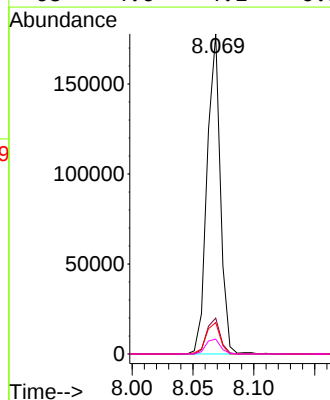
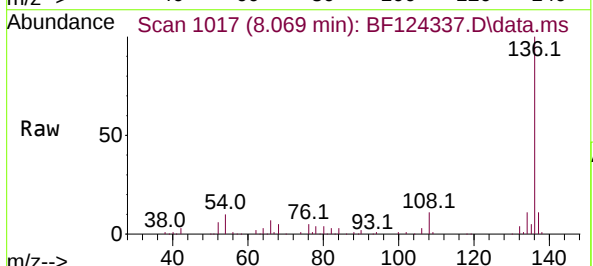
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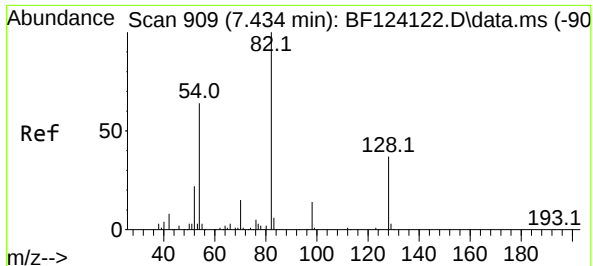
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124337.D
Acq: 15 Jun 2021 23:03

Tgt Ion:	136	Resp:	134769
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.8	9.8	14.6
68	4.6	4.1	6.1





#23

Nitrobenzene-d5

Concen: 6.15 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF124337.D

Acq: 15 Jun 2021 23:03

Tgt Ion:	82	Resp:	20914
Ion	Ratio	Lower	Upper
82	100		
128	38.9	29.4	44.2
54	56.2	54.1	81.1

Instrument :

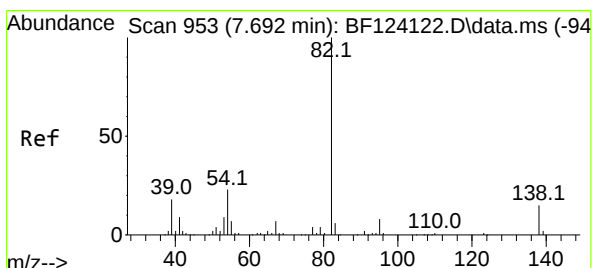
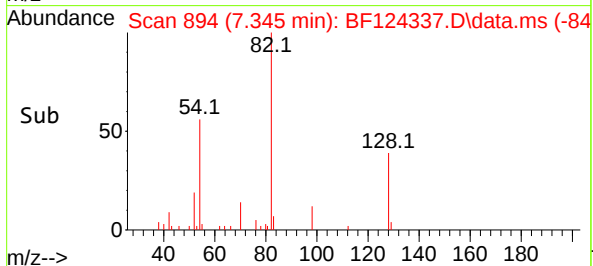
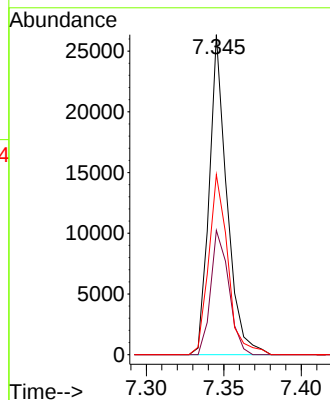
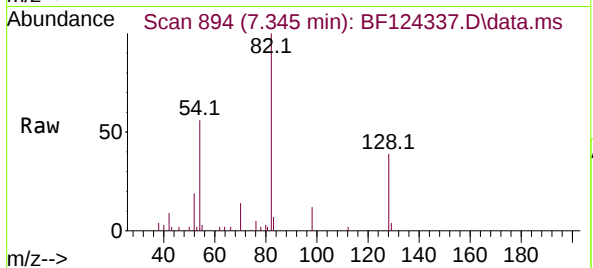
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#25

Isophorone

Concen: 3.66 ng

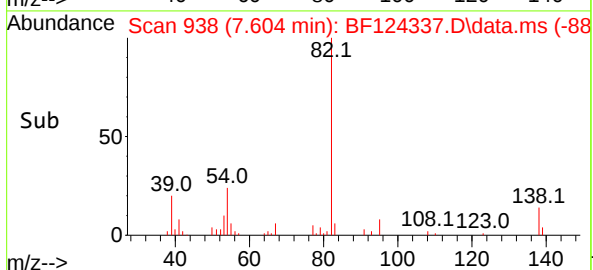
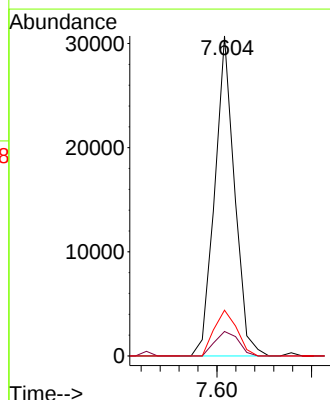
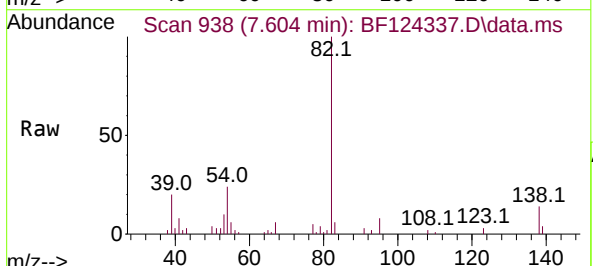
RT: 7.604 min Scan# 938

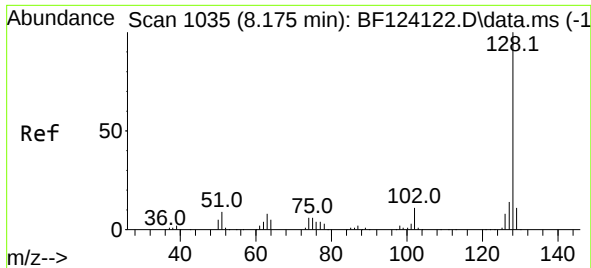
Delta R.T. -0.012 min

Lab File: BF124337.D

Acq: 15 Jun 2021 23:03

Tgt Ion:	82	Resp:	22414
Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.8	8.6
138	14.3	11.8	17.8





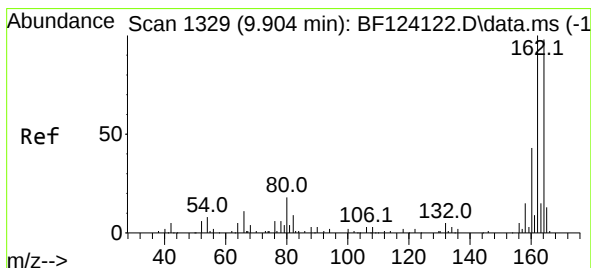
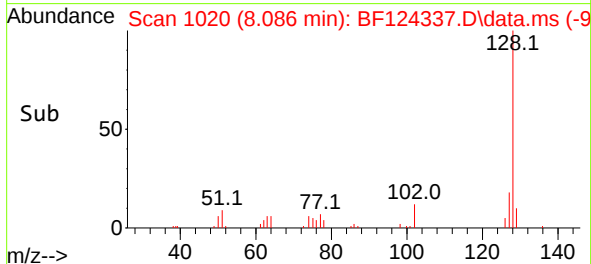
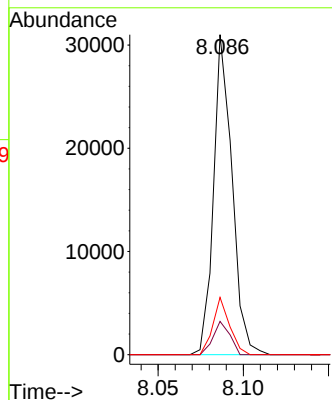
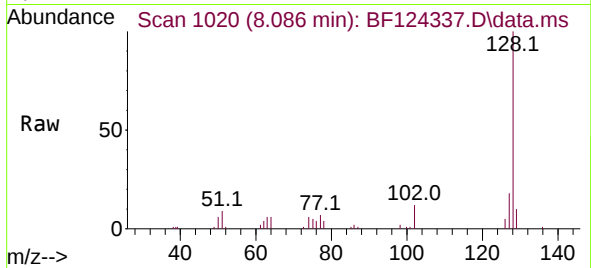
#31
Naphthalene
Concen: 2.90 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF124337.D
Acq: 15 Jun 2021 23:03

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.9	13.3
127	17.9	10.8	16.2#

Instrument :
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ClientSampleId :
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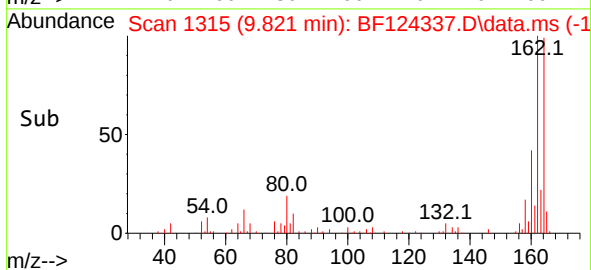
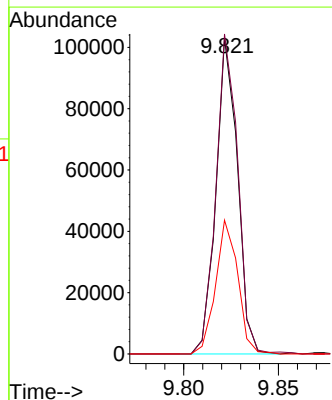
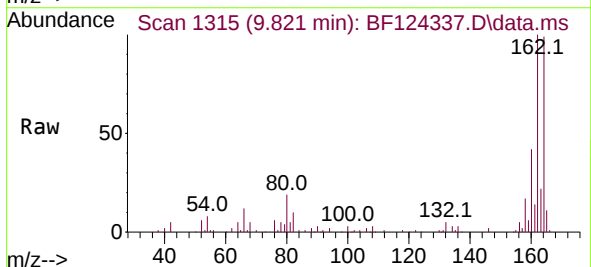
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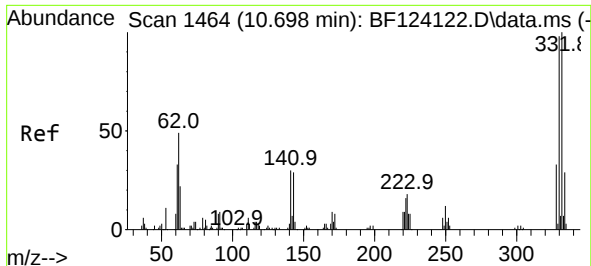
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.821 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124337.D
Acq: 15 Jun 2021 23:03

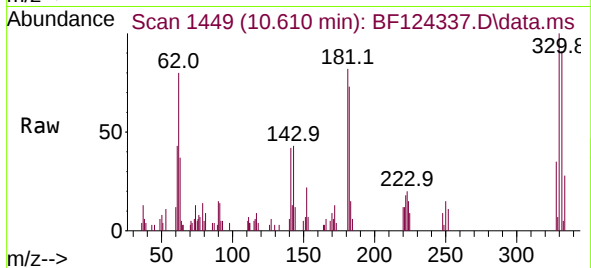
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.7	121.1
160	42.4	37.3	55.9





#42
2,4,6-Tribromophenol
Concen: 8.00 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF124337.D
Acq: 15 Jun 2021 23:03

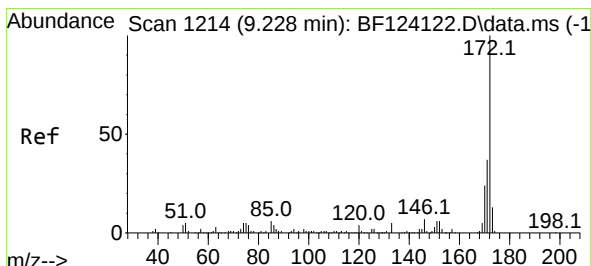
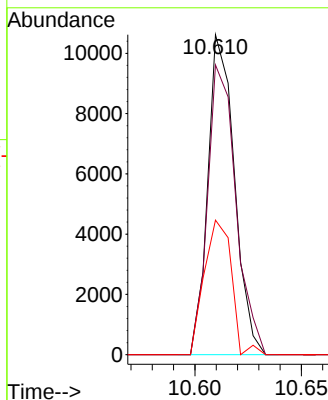
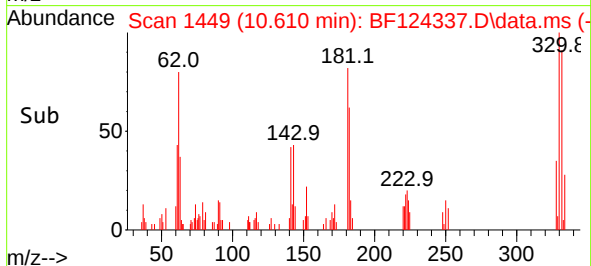
Instrument :
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ClientSampled :
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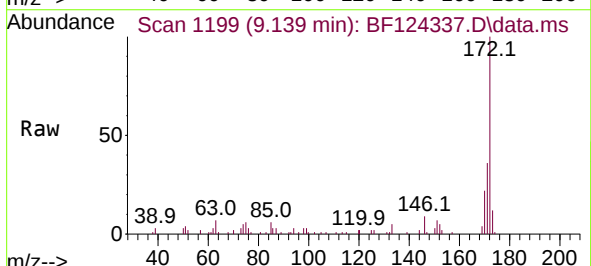
Tgt Ion: 330 Resp: 9203
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 42.9 27.9 41.9#

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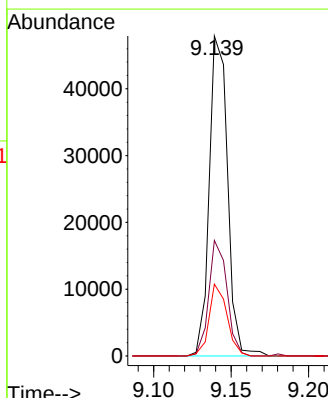
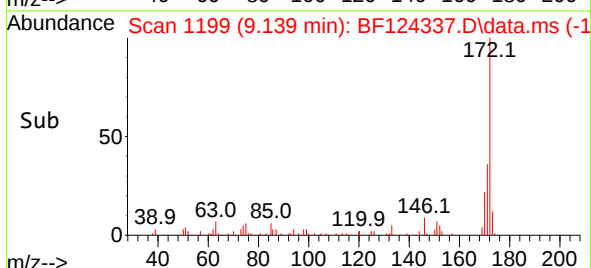
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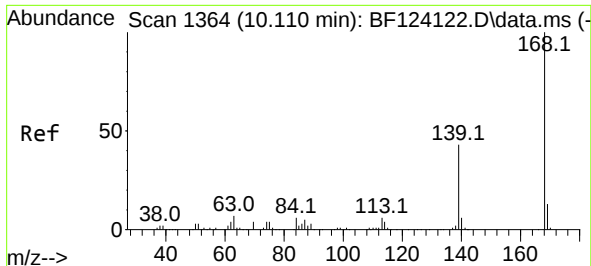


#45
2-Fluorobiphenyl
Concen: 6.10 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF124337.D
Acq: 15 Jun 2021 23:03

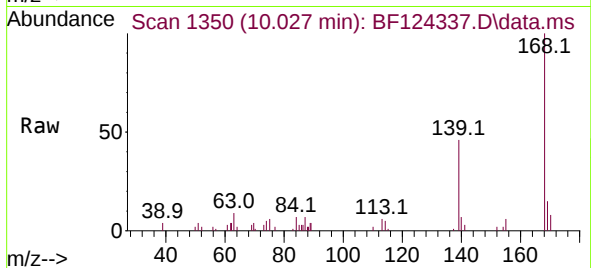


Tgt Ion: 172 Resp: 39330
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 22.5 19.2 28.8

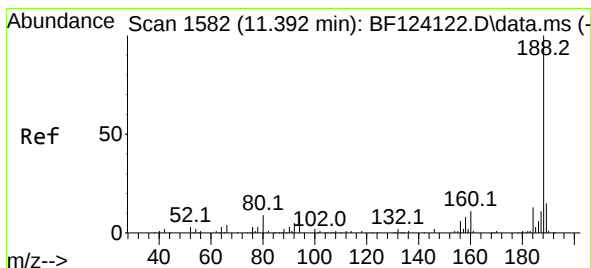
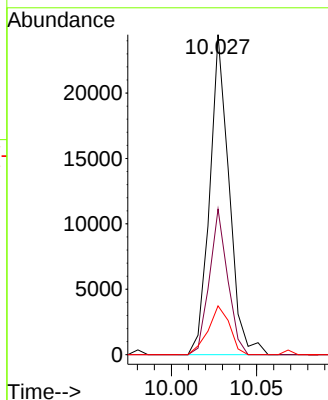
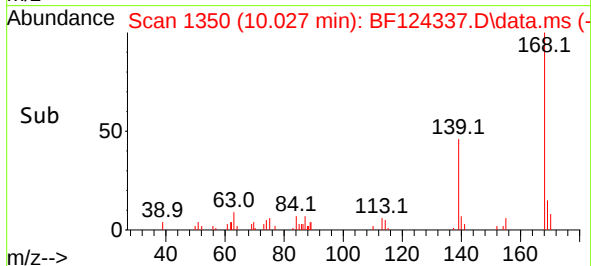




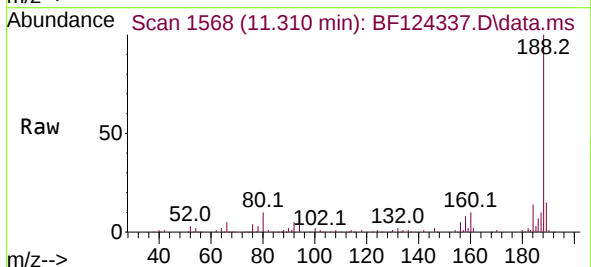
#55
Dibenzofuran
Concen: 2.33 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BF124337.D
Acq: 15 Jun 2021 23:03



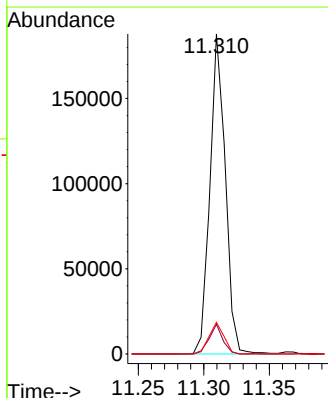
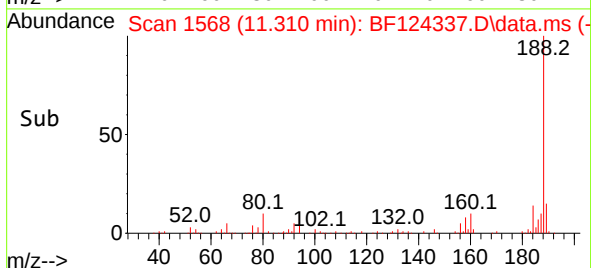
Tgt Ion:168 Resp: 19315
Ion Ratio Lower Upper
168 100
139 45.5 33.2 49.8
169 15.3 10.8 16.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124337.D
Acq: 15 Jun 2021 23:03



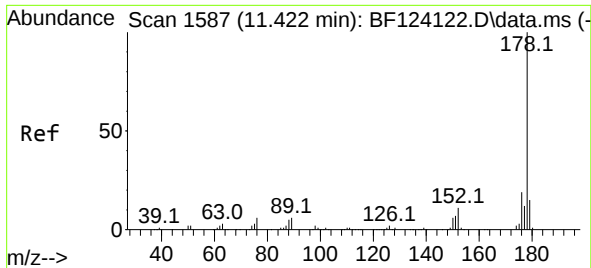
Tgt Ion:188 Resp: 153787
Ion Ratio Lower Upper
188 100
94 9.3 6.9 10.3
80 9.9 8.2 12.2



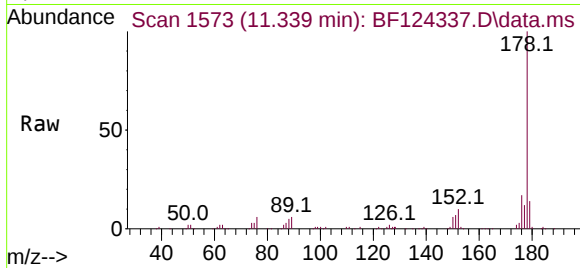
Instrument :
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#71
Phenanthrene
Concen: 20.10 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF124337.D
Acq: 15 Jun 2021 23:03

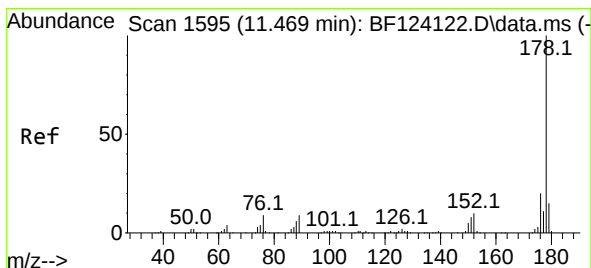
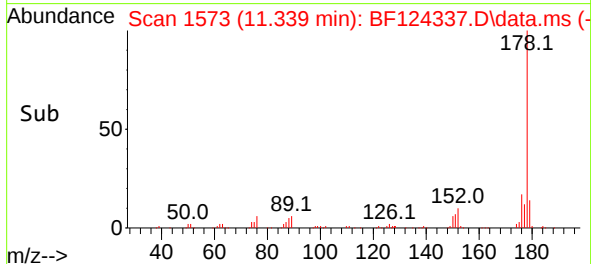
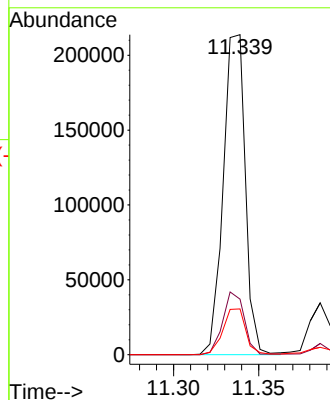


Tgt Ion:178 Resp: 193144
Ion Ratio Lower Upper
178 100
176 17.4 15.6 23.4
179 14.3 12.5 18.7

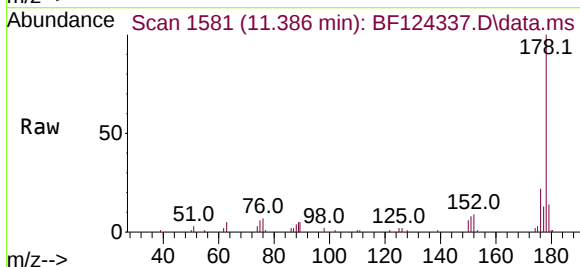
Instrument :
BNA_F
ClientSampleId :
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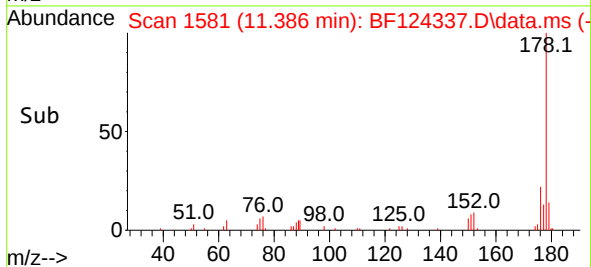
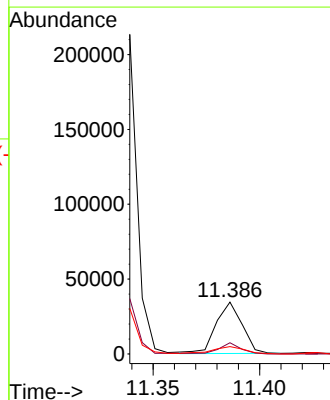
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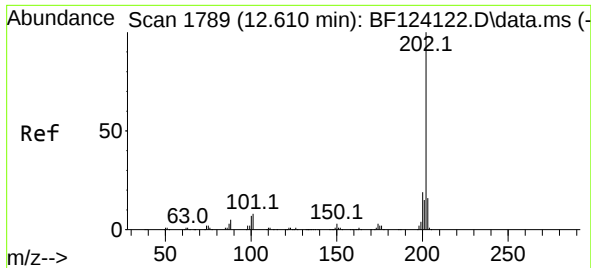


#72
Anthracene
Concen: 3.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF124337.D
Acq: 15 Jun 2021 23:03

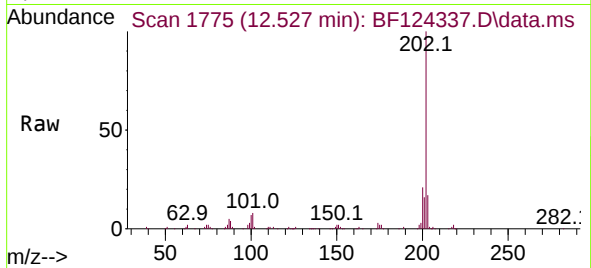


Tgt Ion:178 Resp: 29056
Ion Ratio Lower Upper
178 100
176 21.5 15.4 23.0
179 14.3 12.6 18.8

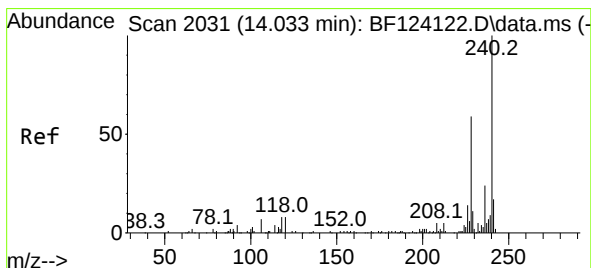
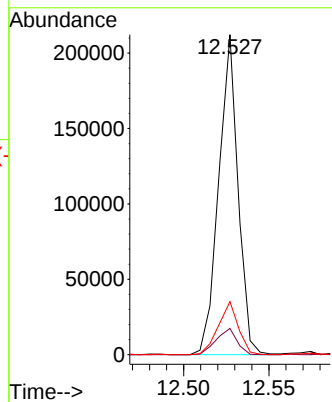
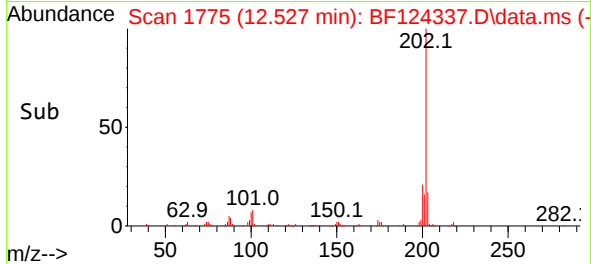




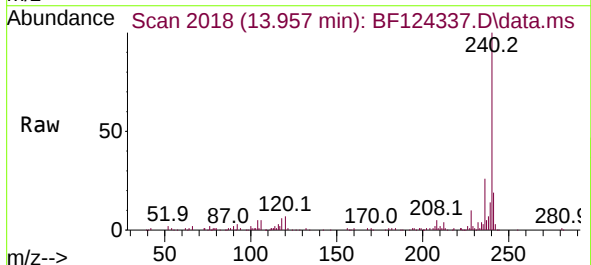
#75
Fluoranthene
Concen: 16.64 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF124337.D
Acq: 15 Jun 2021 23:03



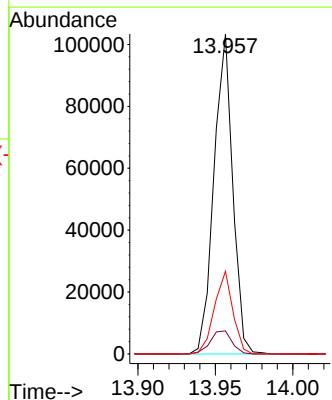
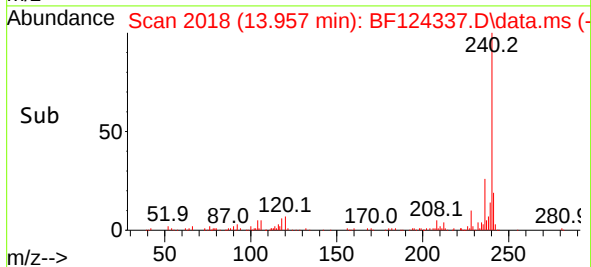
Tgt Ion:202 Resp: 167780
Ion Ratio Lower Upper
202 100
101 8.2 0.0 30.9
203 16.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124337.D
Acq: 15 Jun 2021 23:03



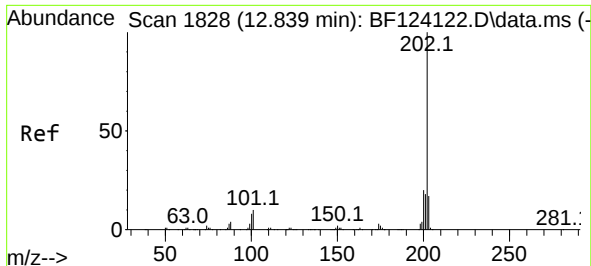
Tgt Ion:240 Resp: 86932
Ion Ratio Lower Upper
240 100
120 7.2 7.2 10.8
236 25.8 19.0 28.4



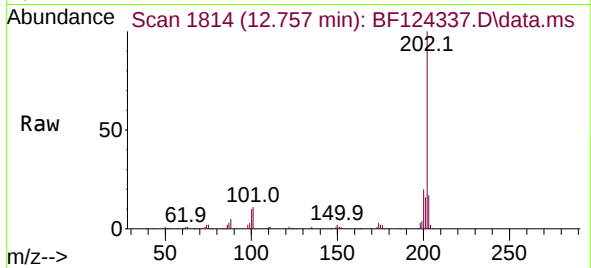
Instrument :
BNA_F
ClientSampleId :
RO-VNJ-208DL

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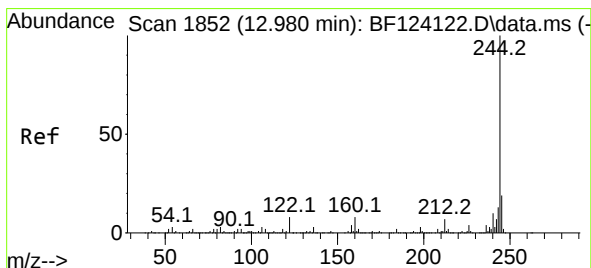
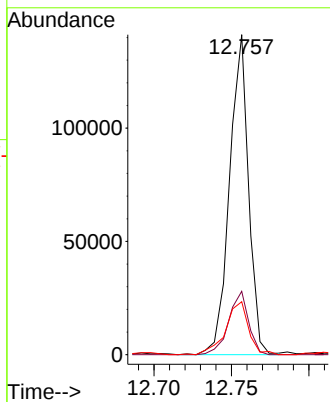
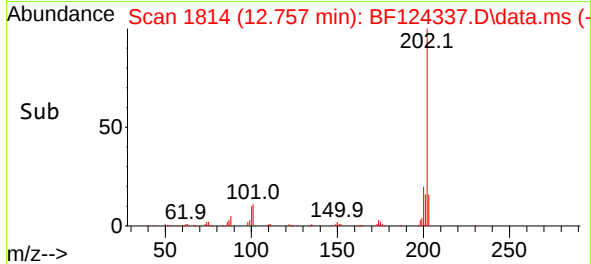
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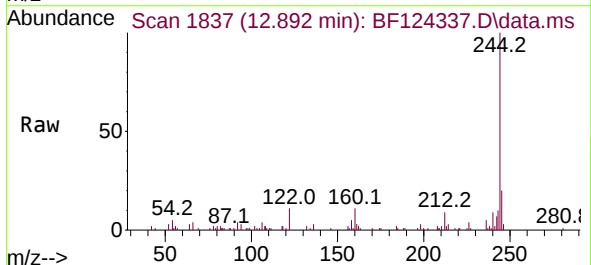
#78
Pyrene
Concen: 14.44 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF124337.D
Acq: 15 Jun 2021 23:03



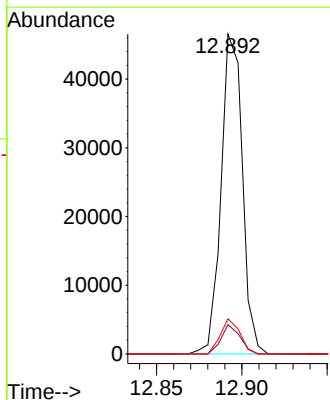
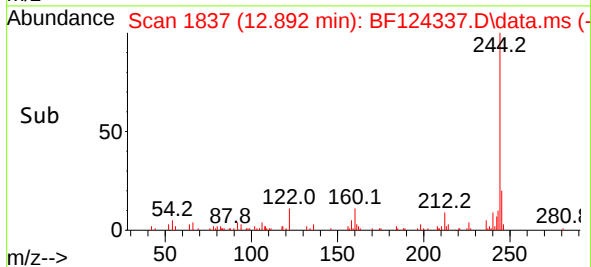
Tgt Ion:202 Resp: 120530
Ion Ratio Lower Upper
202 100
200 19.8 16.1 24.1
203 16.6 14.8 22.2



#79
Terphenyl-d14
Concen: 6.37 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF124337.D
Acq: 15 Jun 2021 23:03



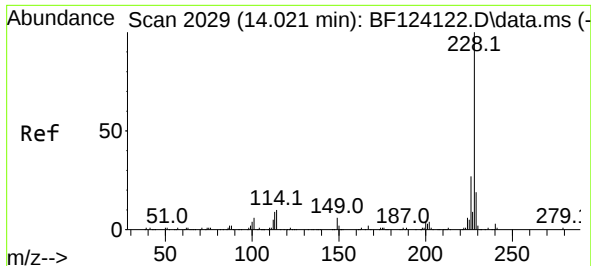
Tgt Ion:244 Resp: 40354
Ion Ratio Lower Upper
244 100
212 9.2 5.7 8.5#
122 11.0 9.7 14.5



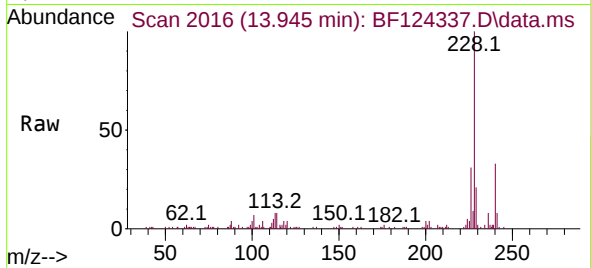
Instrument :
BNA_F
ClientSampleId :
RO-VNJ-208DL

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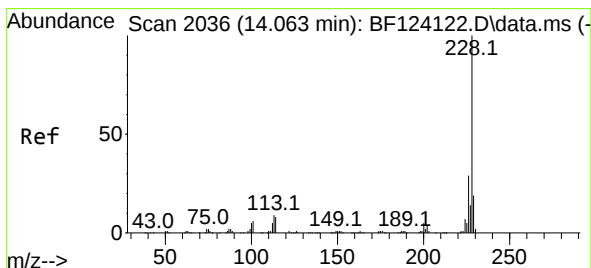
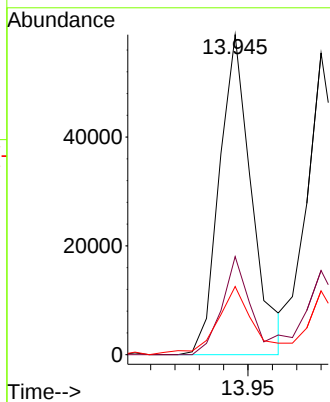
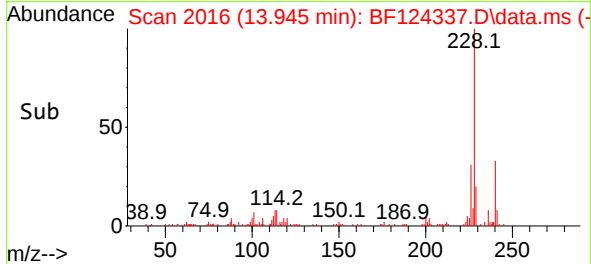
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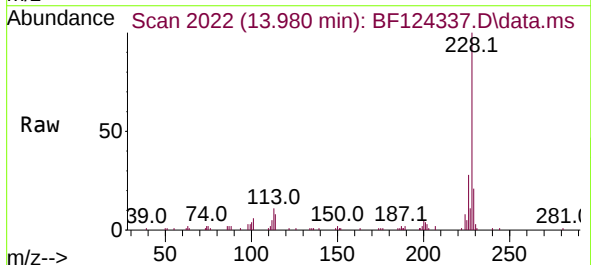
#81
Benzo(a)anthracene
Concen: 8.56 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF124337.D
Acq: 15 Jun 2021 23:03



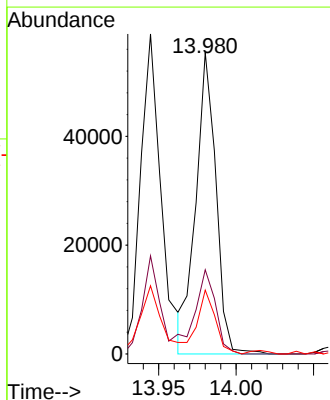
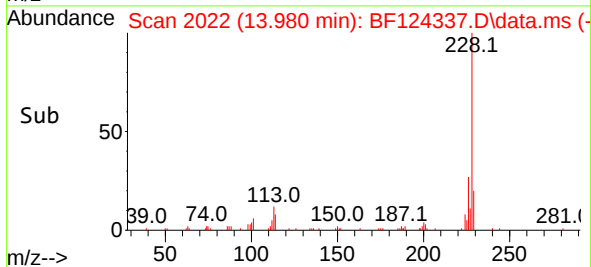
Tgt Ion:228 Resp: 54237
Ion Ratio Lower Upper
228 100
226 30.6 22.4 33.6
229 21.3 16.0 24.0



#83
Chrysene
Concen: 8.18 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF124337.D
Acq: 15 Jun 2021 23:03



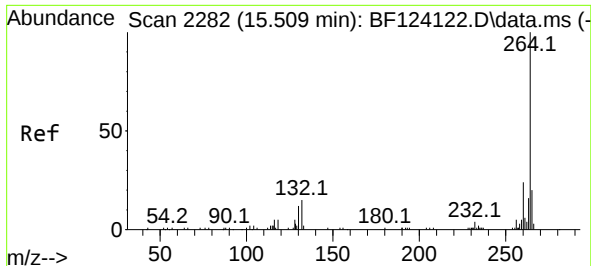
Tgt Ion:228 Resp: 49989
Ion Ratio Lower Upper
228 100
226 27.9 24.3 36.5
229 21.1 16.2 24.2



Instrument :
BNA_F
ClientSampleID :
RO-VNJ-208DL

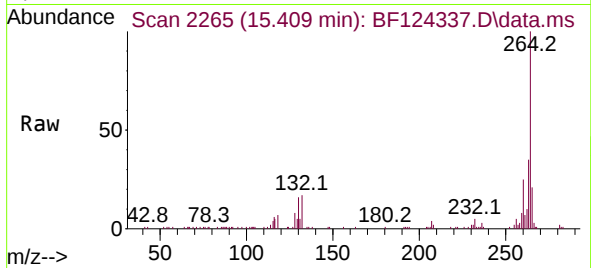
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.409 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BF124337.D
Acq: 15 Jun 2021 23:03

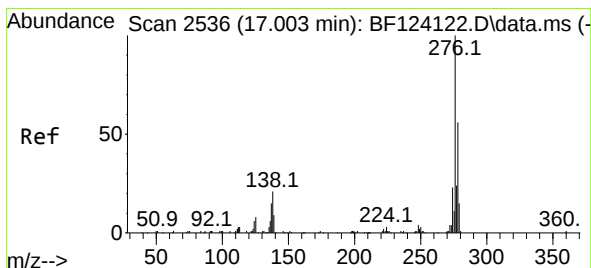
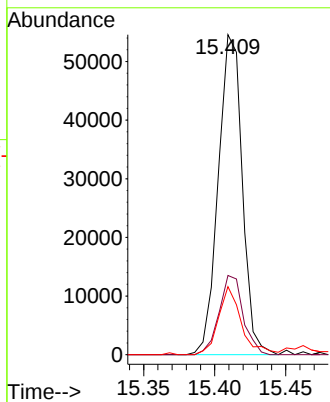
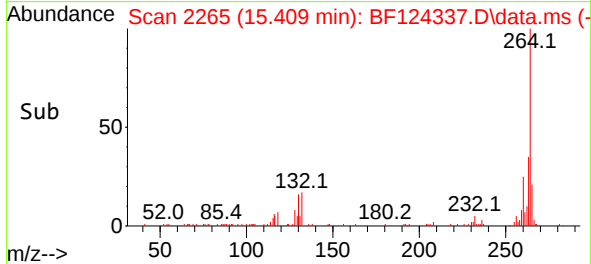
Instrument :
BNA_F
ClientSampleId :
RO-VNJ-208DL



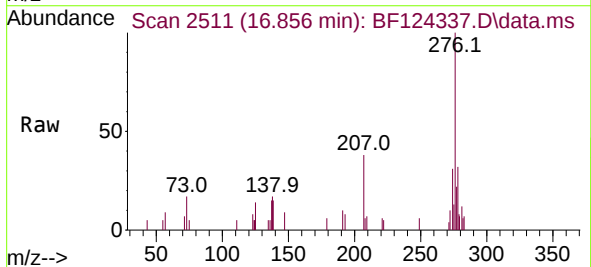
Tgt Ion:264 Resp: 64020
Ion Ratio Lower Upper
264 100
260 24.8 18.7 28.1
265 21.2 17.8 26.8

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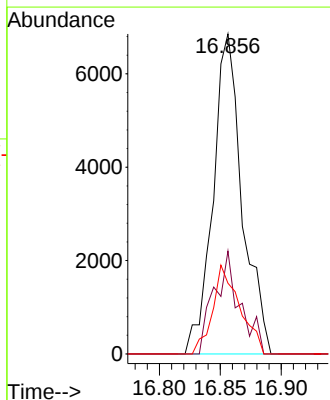
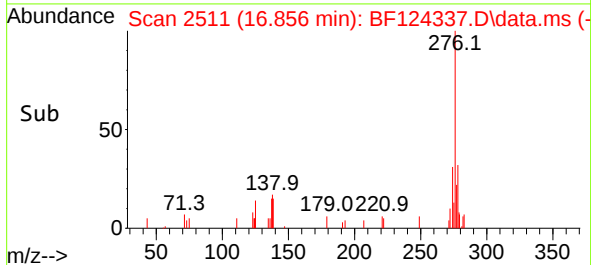
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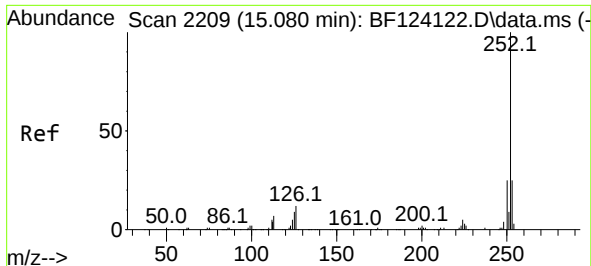


#87
Indeno(1,2,3-cd)pyrene
Concen: 6.29 ng
RT: 16.856 min Scan# 2511
Delta R.T. -0.018 min
Lab File: BF124337.D
Acq: 15 Jun 2021 23:03

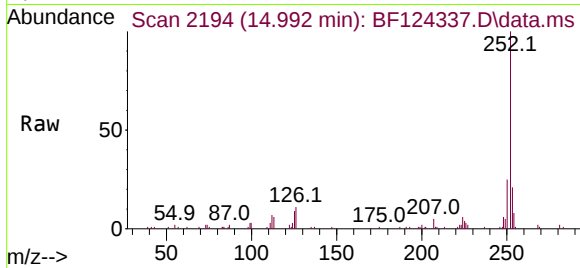


Tgt Ion:276 Resp: 11441
Ion Ratio Lower Upper
276 100
138 28.1 16.2 24.2#
277 25.9 20.1 30.1

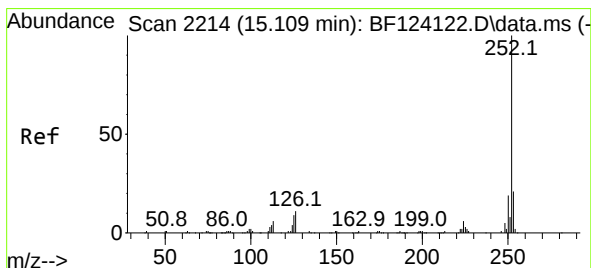
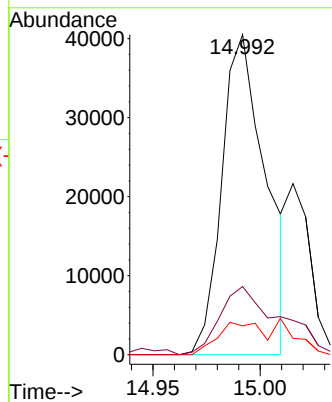
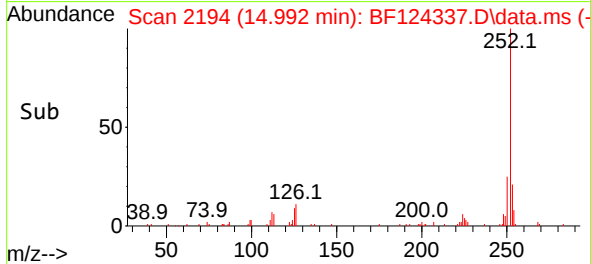




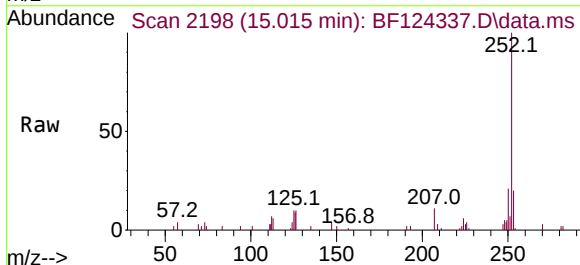
#88
Benzo(b)fluoranthene
Concen: 11.59 ng m
RT: 14.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF124337.D
Acq: 15 Jun 2021 23:03



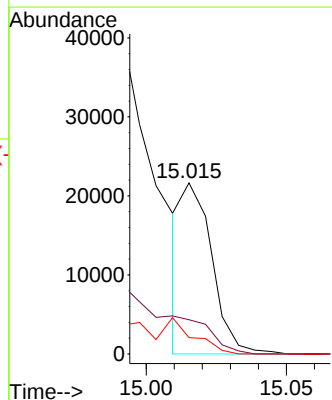
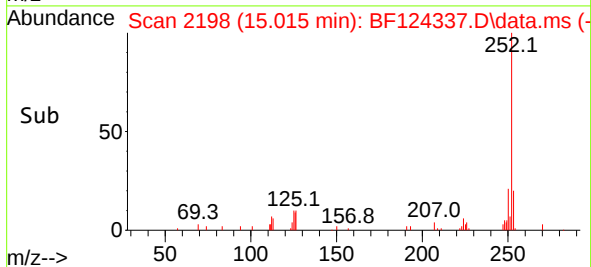
Tgt Ion:252 Resp: 57647
Ion Ratio Lower Upper
252 100
253 21.3 18.1 27.1
125 9.0 6.2 9.4



#89
Benzo(k)fluoranthene
Concen: 3.43 ng m
RT: 15.015 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF124337.D
Acq: 15 Jun 2021 23:03



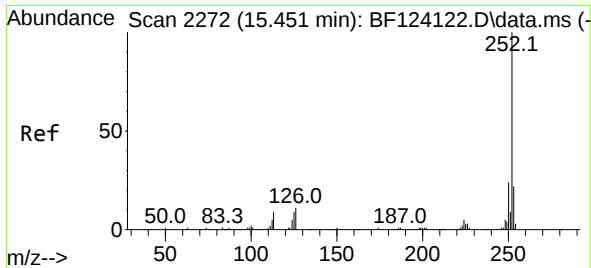
Tgt Ion:252 Resp: 16137
Ion Ratio Lower Upper
252 100
253 20.0 17.9 26.9
125 9.5 7.0 10.6



Instrument :
BNA_F
ClientSampled :
RO-VNJ-208DL

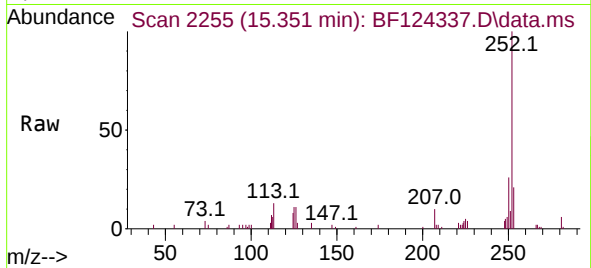
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#90
Benzo(a)pyrene
Concen: 6.87 ng
RT: 15.351 min Scan# 2255
Delta R.T. -0.006 min
Lab File: BF124337.D
Acq: 15 Jun 2021 23:03

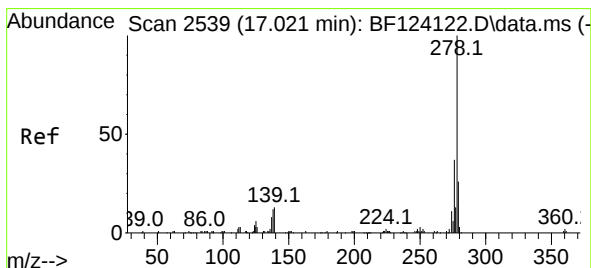
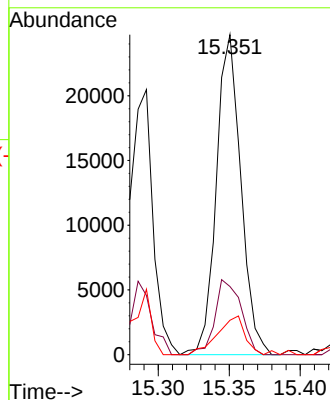
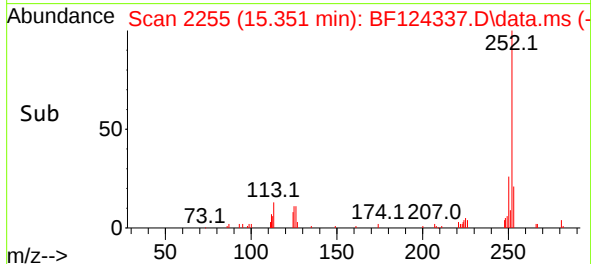
Instrument :
BNA_F
ClientSampleId :
RO-VNJ-208DL



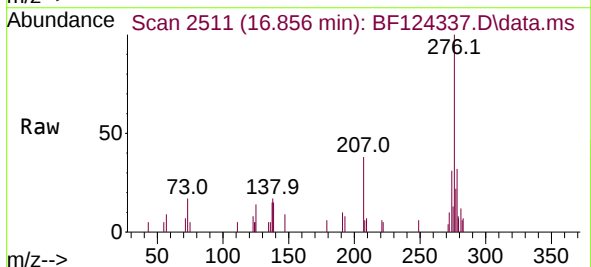
Tgt Ion:252 Resp: 29683
Ion Ratio Lower Upper
252 100
253 21.3 18.4 27.6
125 10.7 8.0 12.0

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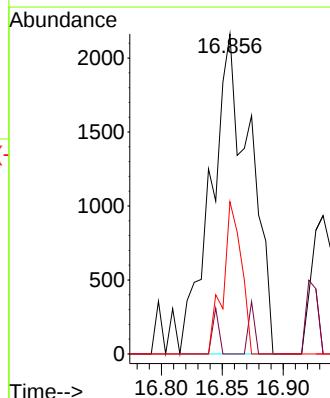
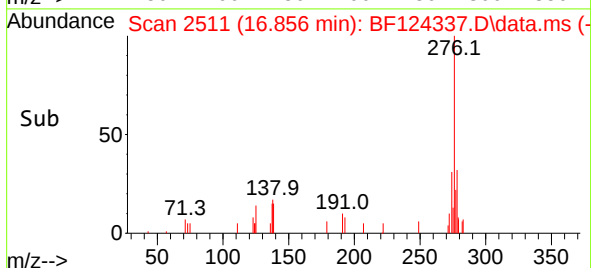
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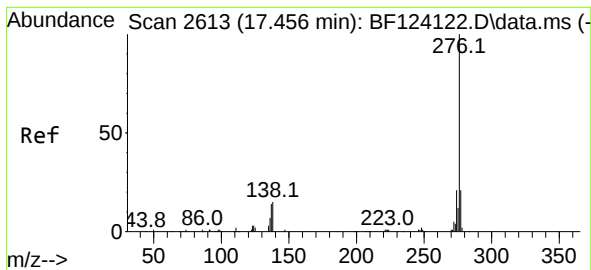


#91
Dibenzo(a,h)anthracene
Concen: 5.14 ng
RT: 16.856 min Scan# 2511
Delta R.T. -0.029 min
Lab File: BF124337.D
Acq: 15 Jun 2021 23:03

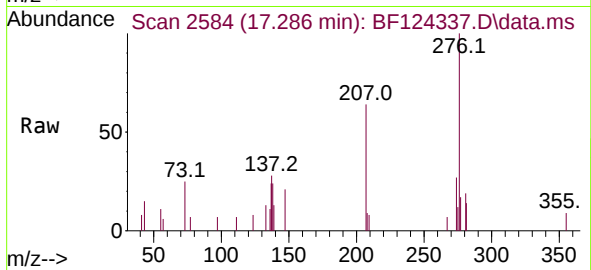


Tgt Ion:278 Resp: 4827
Ion Ratio Lower Upper
278 100
139 0.0 10.2 15.2#
279 47.5 19.4 29.0#

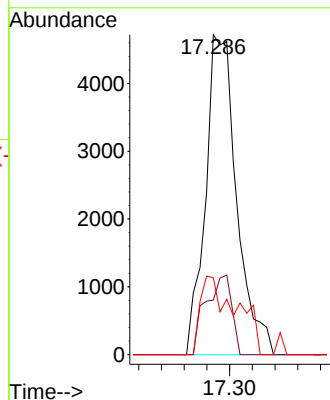
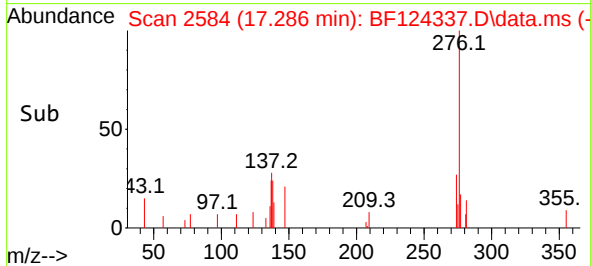




#92
 Benzo(g,h,i)perylene
 Concen: 5.65 ng
 RT: 17.286 min Scan# 2584
 Delta R.T. -0.029 min
 Lab File: BF124337.D
 Acq: 15 Jun 2021 23:03



Tgt Ion: 276 Resp: 8984
 Ion Ratio Lower Upper
 276 100
 277 17.1 18.2 27.2#
 138 24.1 13.8 20.6#



Instrument :
 BNA_F
 ClientSampleId :
 RO-VNJ-208DL

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