

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
 Data File : BF124985.D
 Acq On : 7 Aug 2021 21:09
 Operator : JU/CG
 Sample : M3289-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 27193

Manual Integrations
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mohammad
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Quant Time: Aug 08 09:11:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 11:27:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	6109	20.000	ng	# 0.00
21) Naphthalene-d8	8.110	136	23309	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	12292	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	16461	20.000	ng	# 0.02
76) Chrysene-d12	13.998	240	14292	20.000	ng	0.00
86) Perylene-d12	15.457	264	11308	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	33101	88.760	ng	0.00
7) Phenol-d6	6.463	99	38644	82.180	ng	0.00
23) Nitrobenzene-d5	7.392	82	25579	57.407	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	8006	72.903	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	45911	54.652	ng	0.00
79) Terphenyl-d14	12.945	244	37340	44.071	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.392	178	5765	6.456	ng	# 77
75) Fluoranthene	12.580	202	12086	13.083	ng	91
78) Pyrene	12.810	202	13041	11.584	ng	96
81) Benzo(a)anthracene	13.986	228	6081	6.529	ng	96
83) Chrysene	14.021	228	5640m	6.264	ng	
84) Bis(2-ethylhexyl)phtha...	13.969	149	3520	5.065	ng	# 95
87) Indeno(1,2,3-cd)pyrene	16.904	276	2421	3.595	ng	# 78
88) Benzo(b)fluoranthene	15.027	252	7250m	9.131	ng	
89) Benzo(k)fluoranthene	15.057	252	2287m	3.166	ng	
90) Benzo(a)pyrene	15.392	252	4213	6.231	ng	# 88
92) Benzo(g,h,i)perylene	17.345	276	2150	3.786	ng	# 70

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

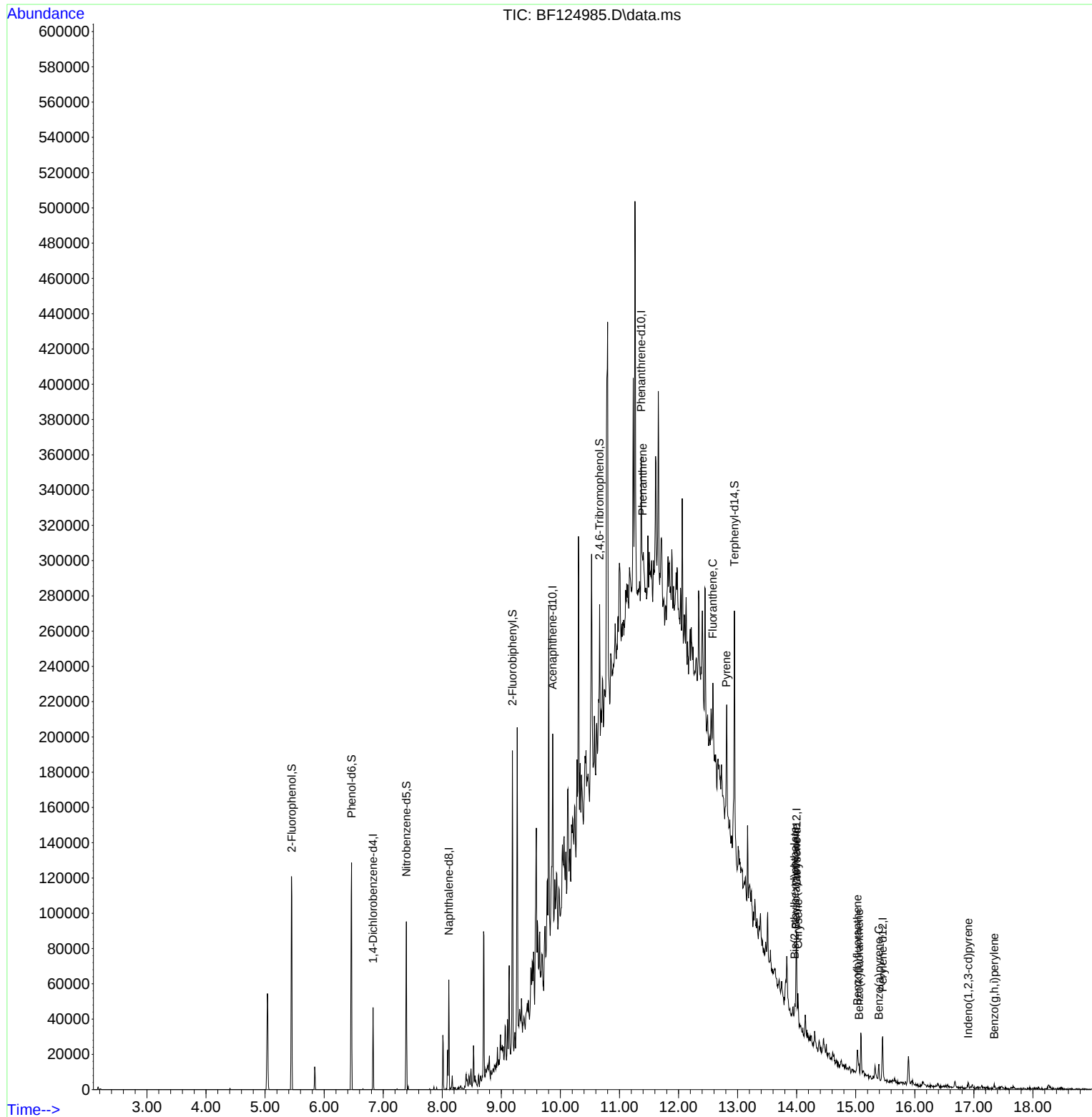
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Data File : BF124985.D
Acq On : 7 Aug 2021 21:09
Operator : JU/CG
Sample : M3289-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

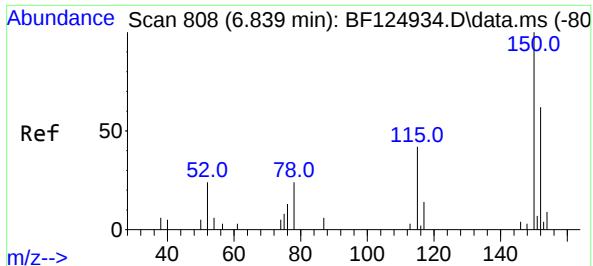
Instrument :
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ClientSampleId :
27193

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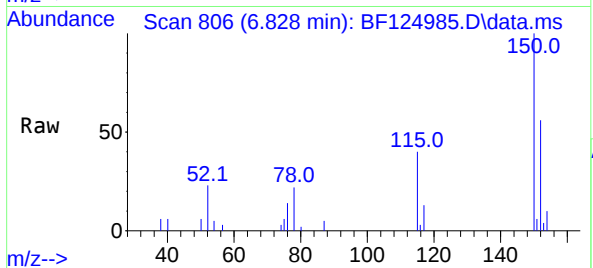
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 11:27:24 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF124985.D
Acq: 7 Aug 2021 21:09

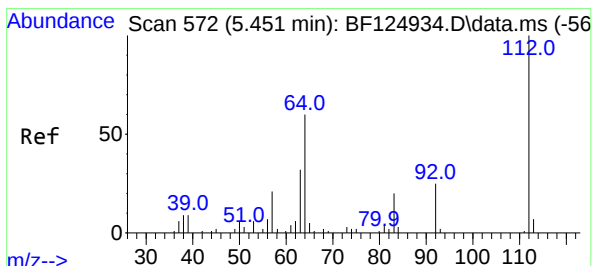
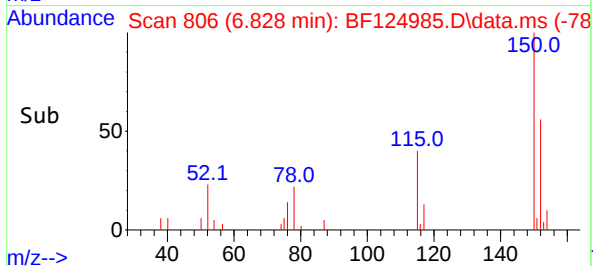
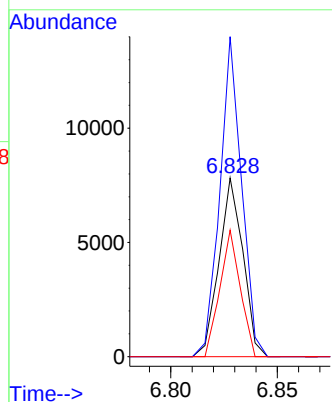
Instrument :
BNA_F
ClientSampled :
27193



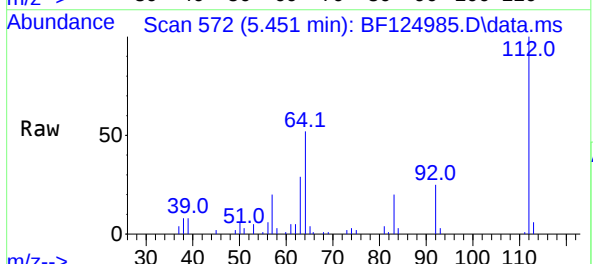
Tgt Ion:152 Resp: 6109
Ion Ratio Lower Upper
152 100
150 179.0 117.6 176.4#
115 70.8 47.1 70.7#

Manual Integrations
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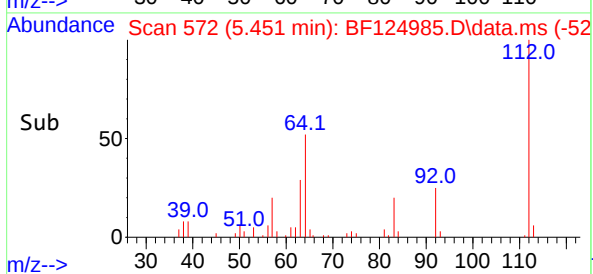
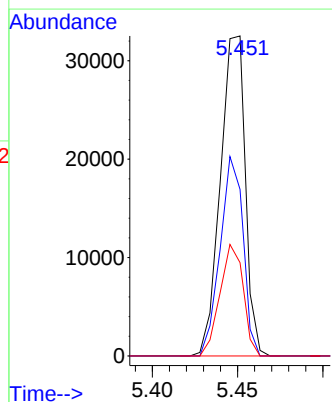
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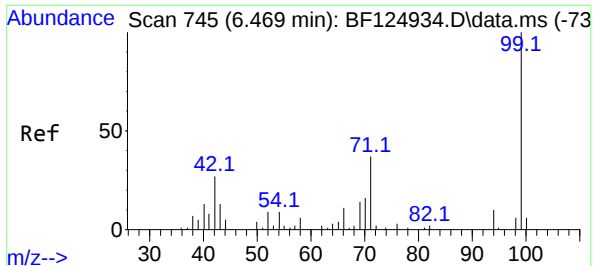


#5
2-Fluorophenol
Concen: 88.760 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.006 min
Lab File: BF124985.D
Acq: 7 Aug 2021 21:09



Tgt Ion:112 Resp: 33101
Ion Ratio Lower Upper
112 100
64 52.0 44.2 66.2
63 29.2 26.2 39.2





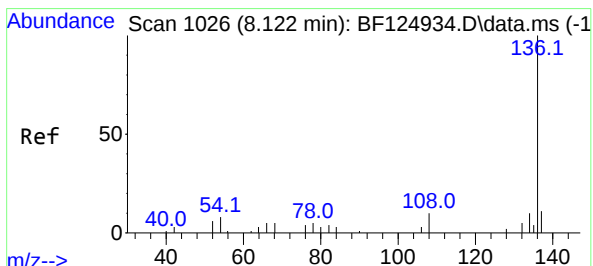
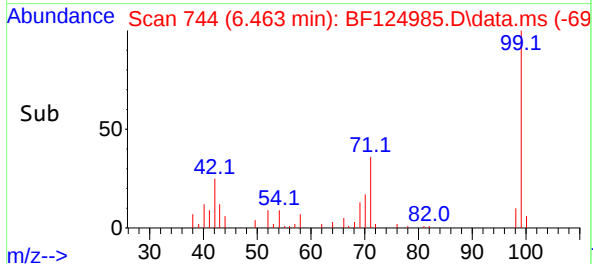
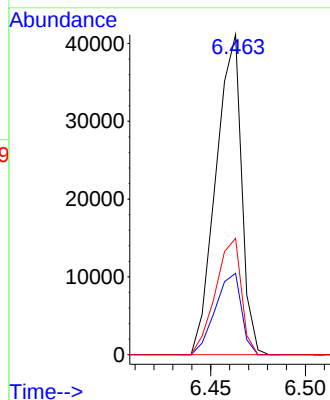
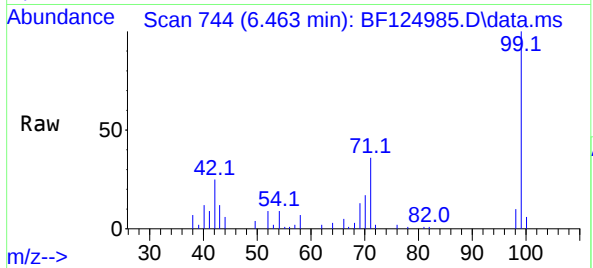
#7
Phenol-d6
Concen: 82.180 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF124985.D
Acq: 7 Aug 2021 21:09

Tgt Ion:	99	Resp:	38644
Ion	Ratio	Lower	Upper
99	100		
42	25.5	23.5	35.3
71	36.4	25.6	38.4

Instrument :
BNA_F
ClientSampled :
27193

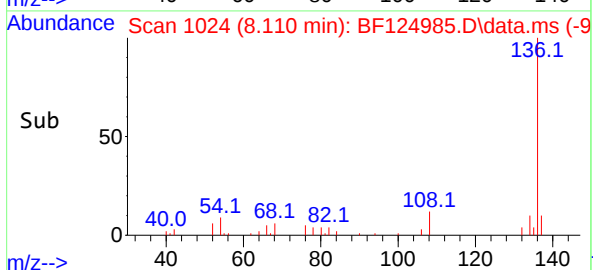
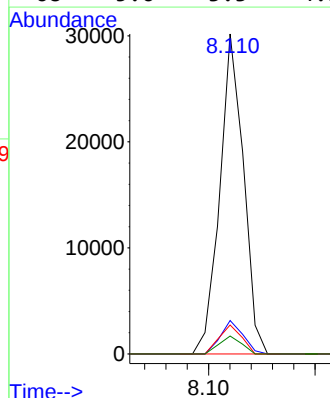
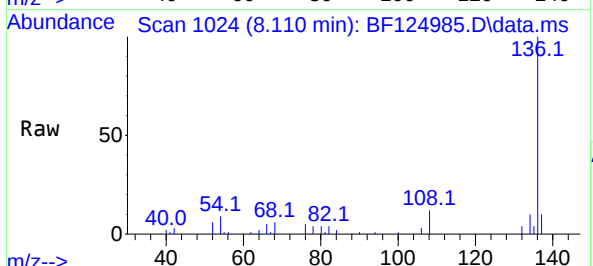
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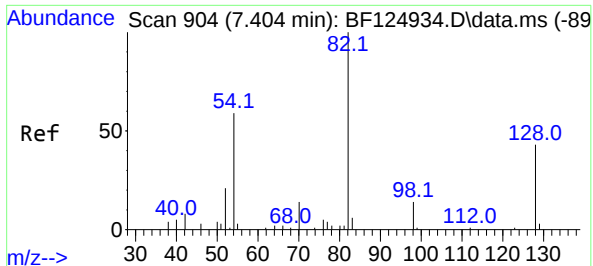
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124985.D
Acq: 7 Aug 2021 21:09

Tgt Ion:	136	Resp:	23309
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.6
54	9.0	6.4	9.6
68	5.6	3.3	4.9





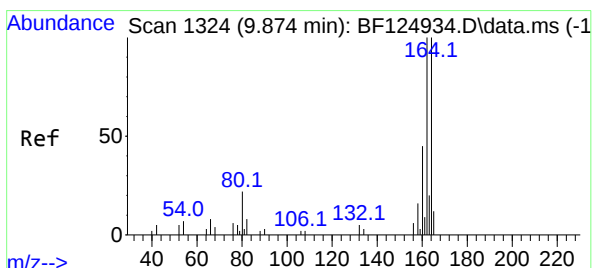
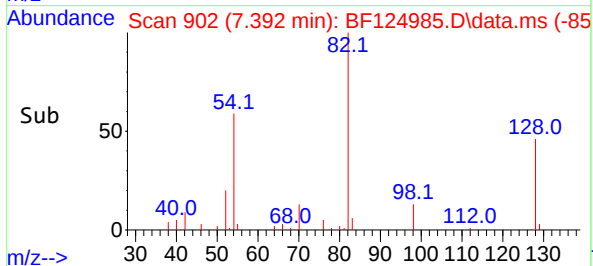
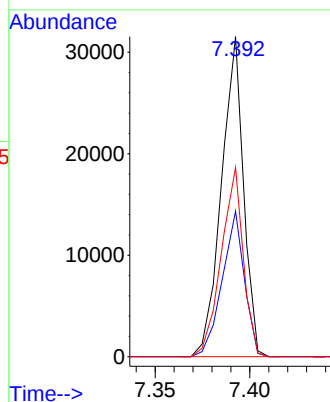
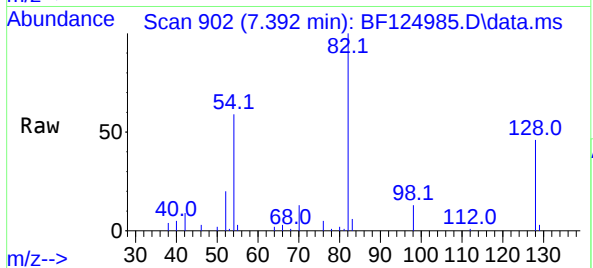
#23
Nitrobenzene-d5
Concen: 57.407 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF124985.D
Acq: 7 Aug 2021 21:09

Tgt Ion: 82	Resp: 25579
Ion Ratio	Lower Upper
82 100	
128 45.5	40.6 60.8
54 59.2	49.6 74.4

Instrument :
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27193

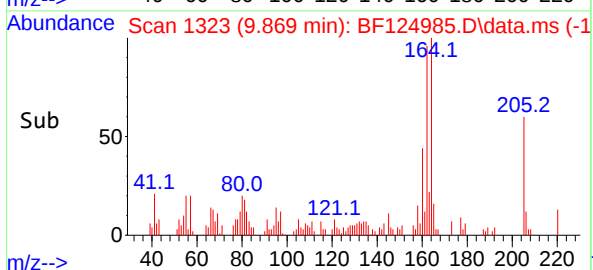
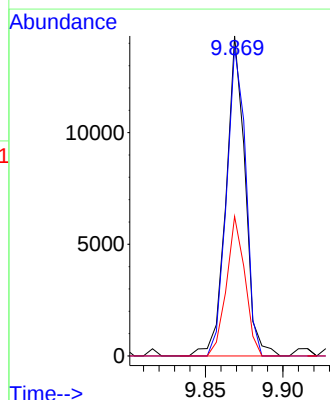
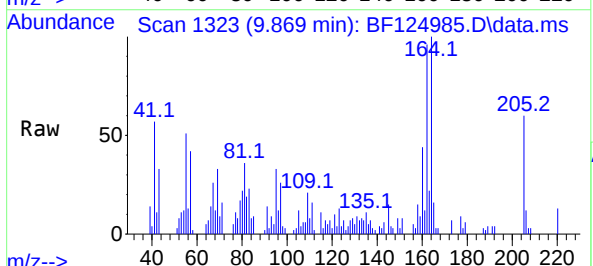
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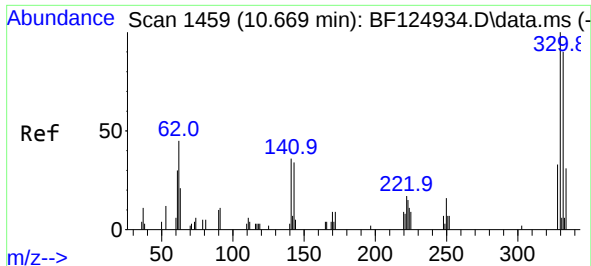
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF124985.D
Acq: 7 Aug 2021 21:09

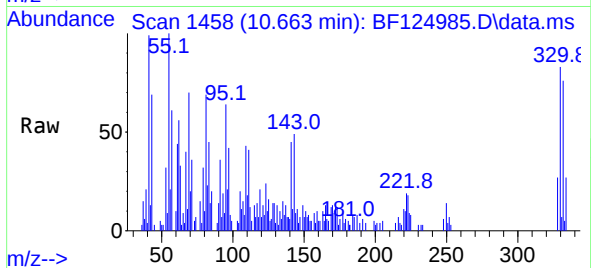
Tgt Ion: 164	Resp: 12292
Ion Ratio	Lower Upper
164 100	
162 96.5	81.3 121.9
160 43.6	38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 72.903 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF124985.D
Acq: 7 Aug 2021 21:09

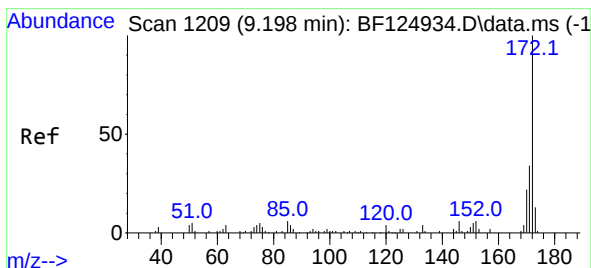
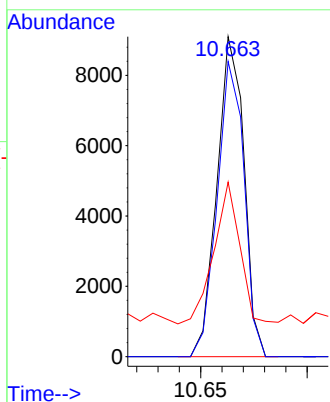
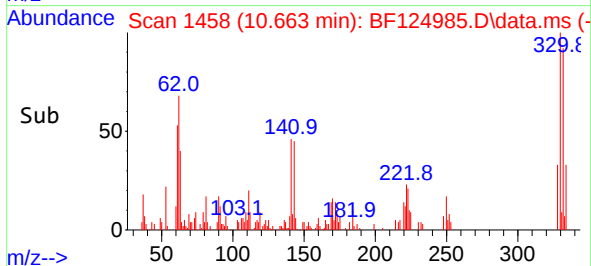
Instrument :
BNA_F
ClientSampled :
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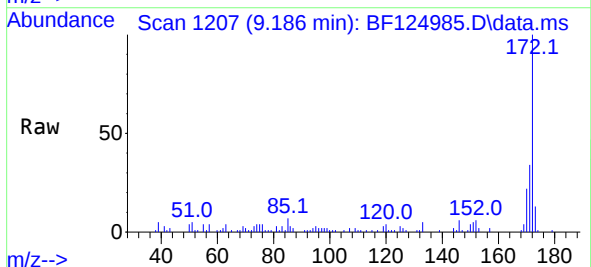
Tgt Ion: 330 Resp: 8006
Ion Ratio Lower Upper
330 100
332 92.0 76.2 114.4
141 43.8 44.6 66.8#

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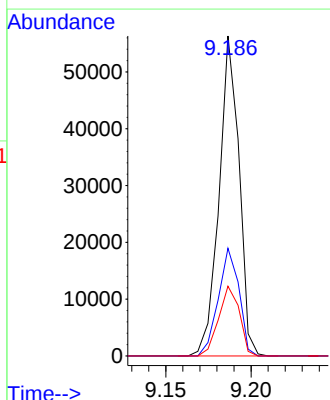
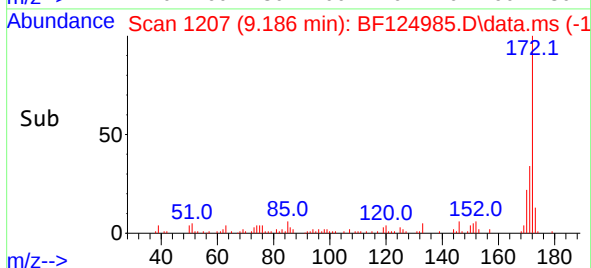
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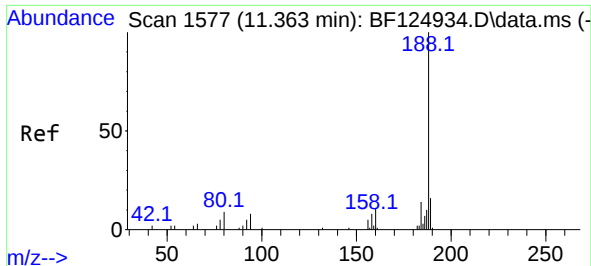


#45
2-Fluorobiphenyl
Concen: 54.652 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124985.D
Acq: 7 Aug 2021 21:09



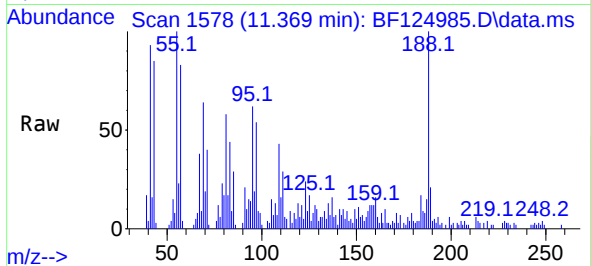
Tgt Ion: 172 Resp: 45911
Ion Ratio Lower Upper
172 100
171 33.7 26.5 39.7
170 21.8 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.018 min
Lab File: BF124985.D
Acq: 7 Aug 2021 21:09

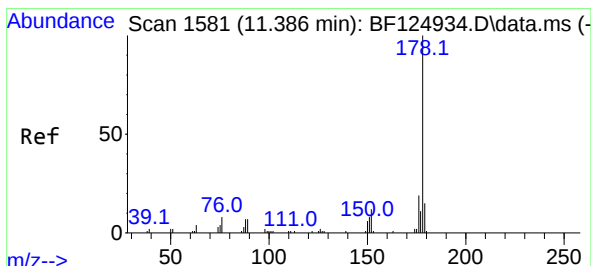
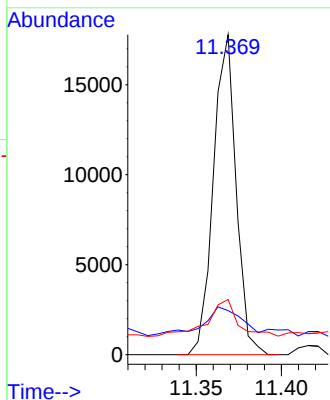
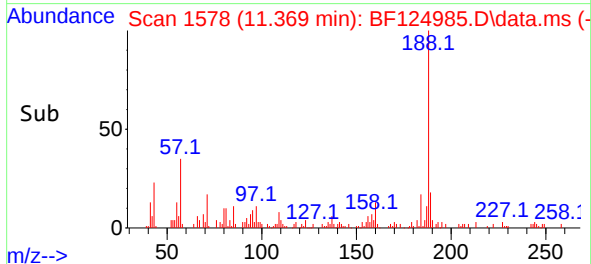
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BNA_F
ClientSampled :
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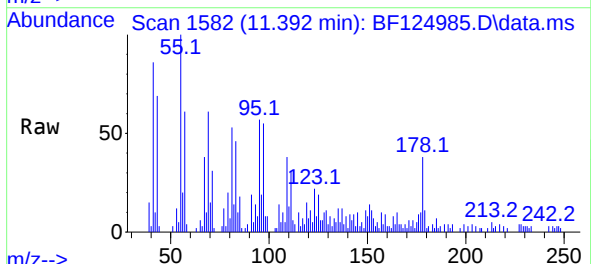
Tgt Ion:188 Resp: 16461
Ion Ratio Lower Upper
188 100
94 13.8 6.7 10.1#
80 17.3 7.5 11.3#

Manual Integrations
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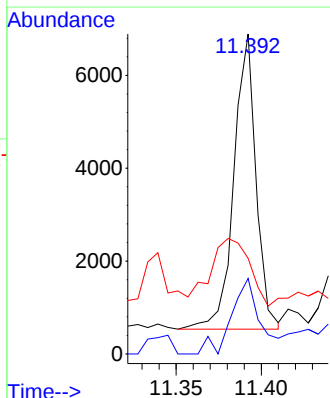
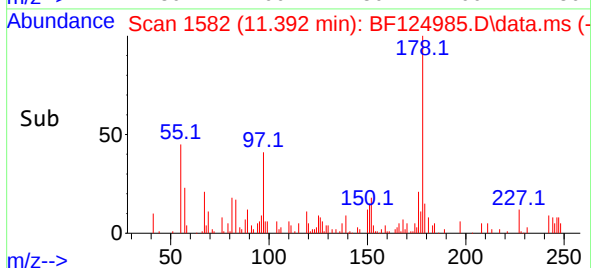
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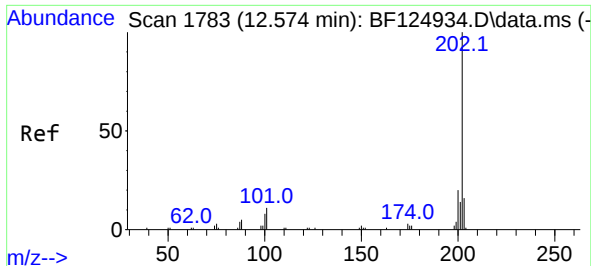


#71
Phenanthrene
Concen: 6.456 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.012 min
Lab File: BF124985.D
Acq: 7 Aug 2021 21:09

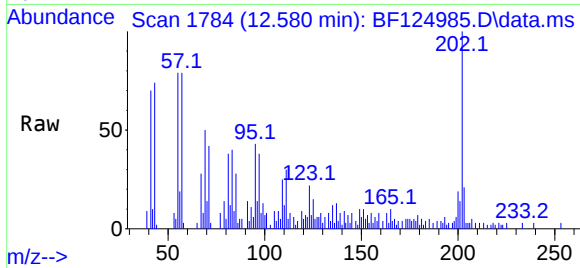


Tgt Ion:178 Resp: 5765
Ion Ratio Lower Upper
178 100
176 23.6 14.7 22.1#
179 29.9 11.5 17.3#

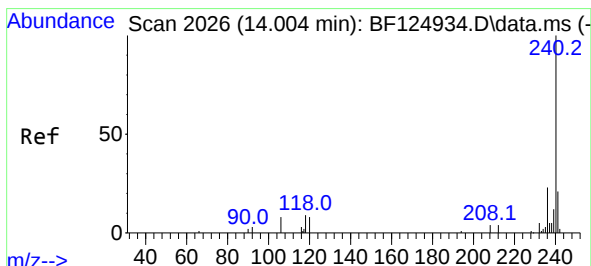
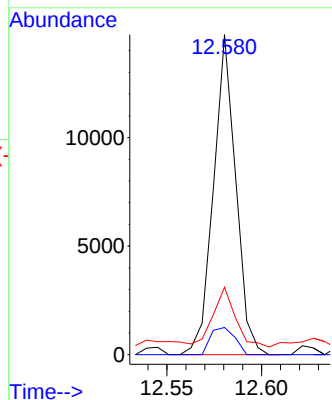
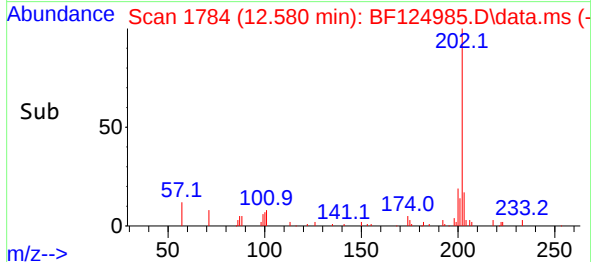




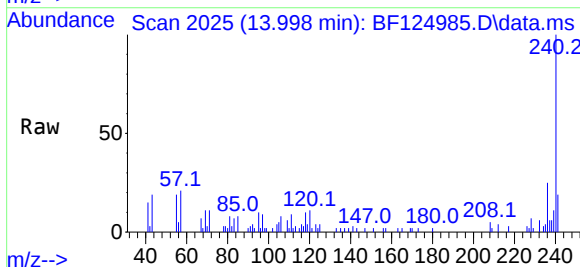
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Fluoranthene
Concen: 13.083 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.018 min
Lab File: BF124985.D
Acq: 7 Aug 2021 21:09



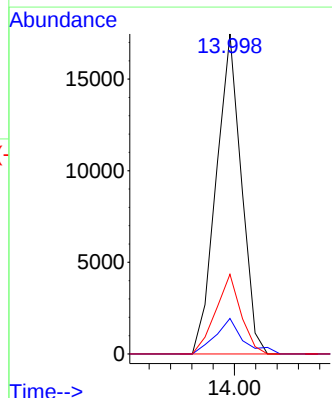
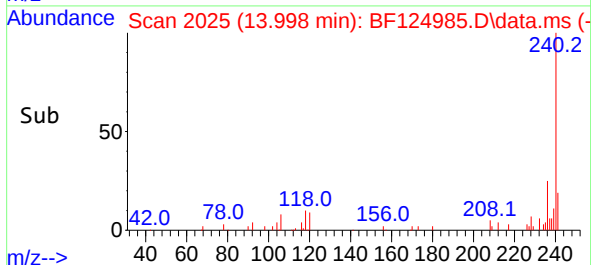
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Ion Ratio Lower Upper
202 100
101 8.5 0.0 30.7
203 21.1 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF124985.D
Acq: 7 Aug 2021 21:09



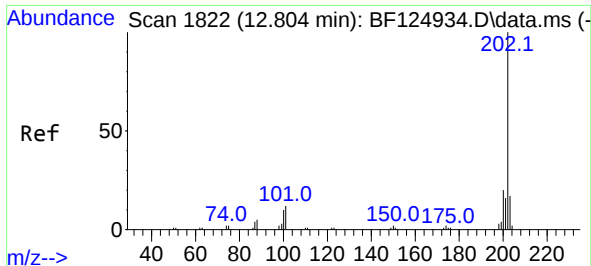
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Ion Ratio Lower Upper
240 100
120 11.1 10.8 16.2
236 24.9 21.6 32.4



Instrument :
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27193

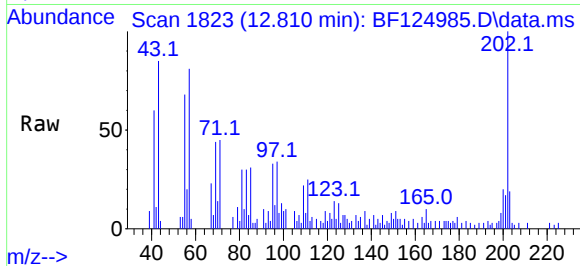
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#78
Pyrene
Concen: 11.584 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.018 min
Lab File: BF124985.D
Acq: 7 Aug 2021 21:09

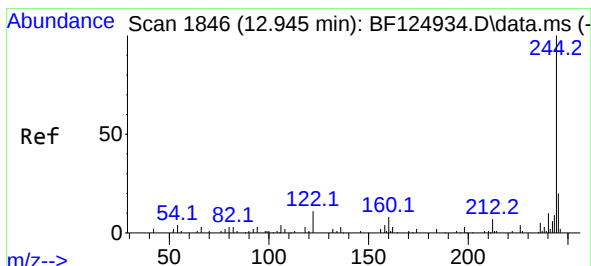
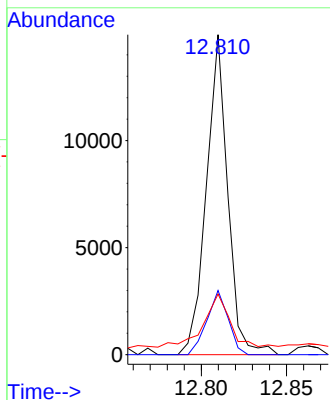
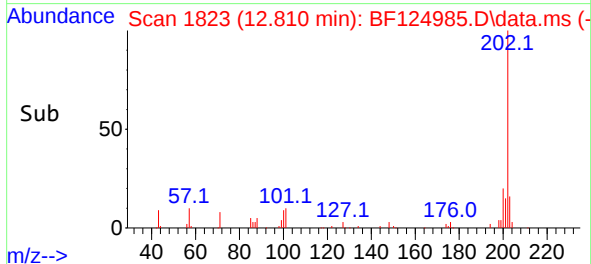
Instrument :
BNA_F
ClientSampled :
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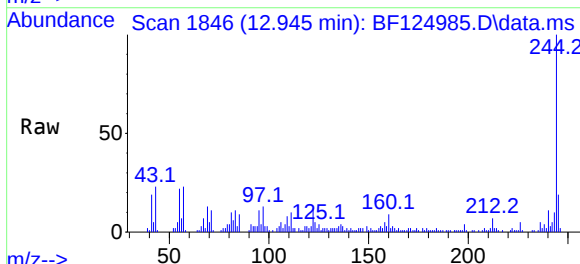
Tgt Ion:202 Resp: 13041
Ion Ratio Lower Upper
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200 20.1 15.3 22.9
203 19.0 13.4 20.0

Manual Integrations
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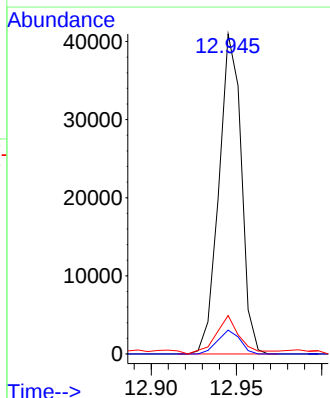
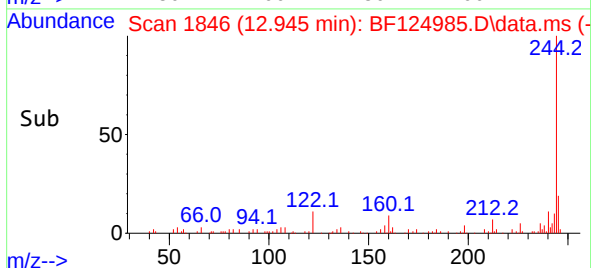
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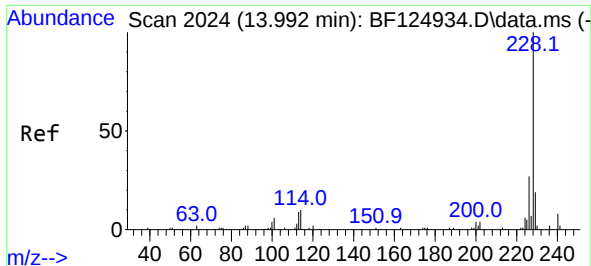


#79
Terphenyl-d14
Concen: 44.071 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.006 min
Lab File: BF124985.D
Acq: 7 Aug 2021 21:09



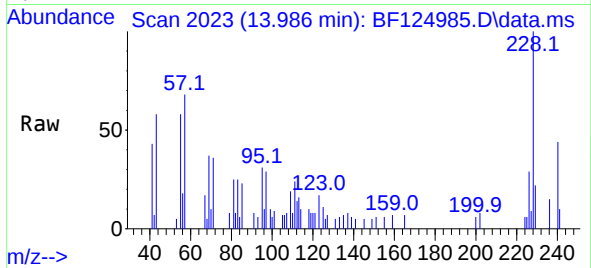
Tgt Ion:244 Resp: 37340
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 12.0 9.0 13.4





#81
Benzo(a)anthracene
Concen: 6.529 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF124985.D
Acq: 7 Aug 2021 21:09

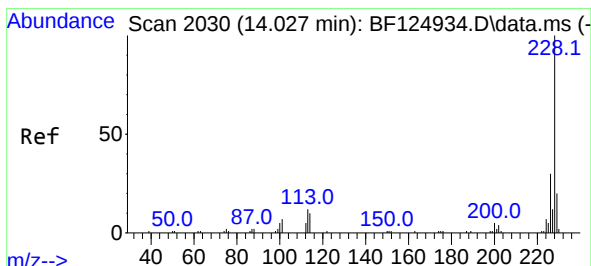
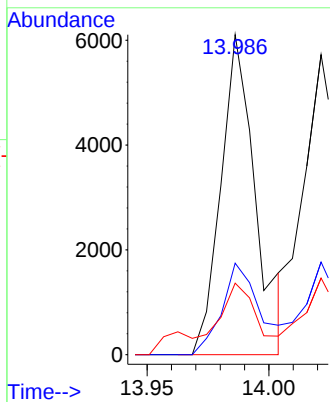
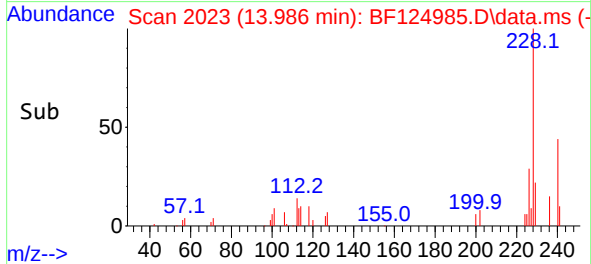
Instrument :
BNA_F
ClientSampled :
27193



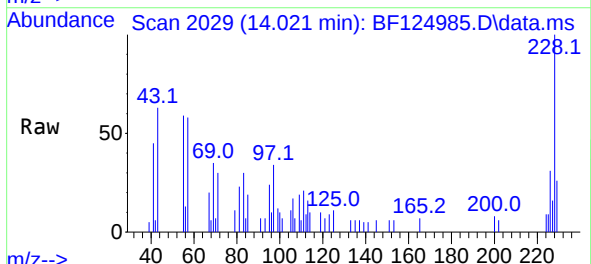
Tgt Ion:228 Resp: 6081
Ion Ratio Lower Upper
228 100
226 28.6 21.6 32.4
229 22.3 15.6 23.4

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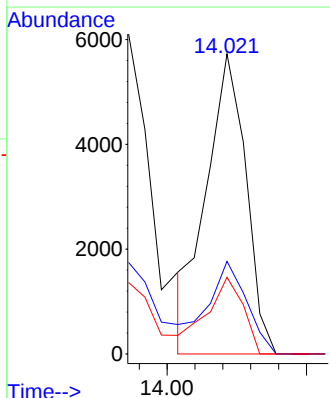
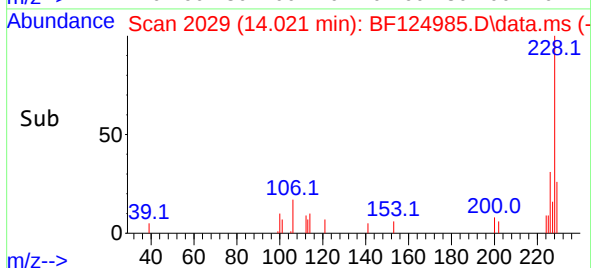
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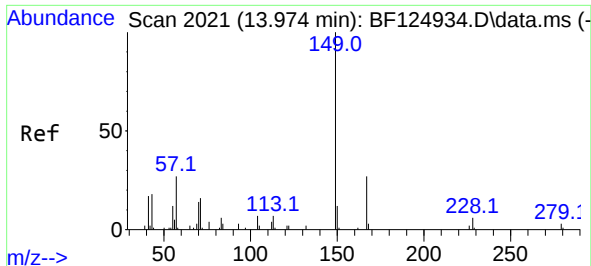


#83
Chrysene
Concen: 6.264 ng m
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF124985.D
Acq: 7 Aug 2021 21:09

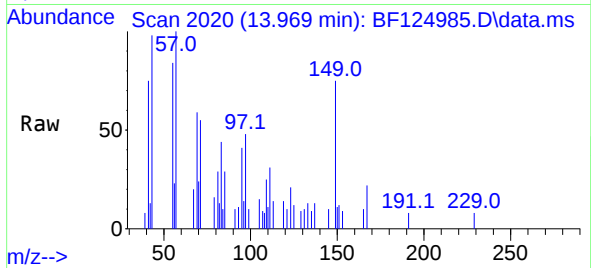


Tgt Ion:228 Resp: 5640
Ion Ratio Lower Upper
228 100
226 30.9 22.6 34.0
229 25.6 15.9 23.9#

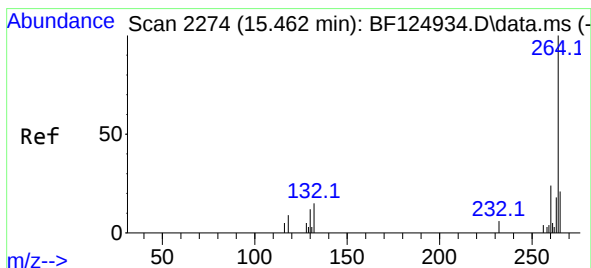
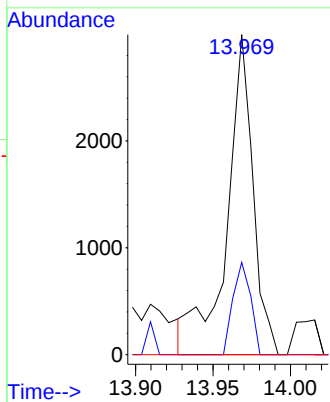
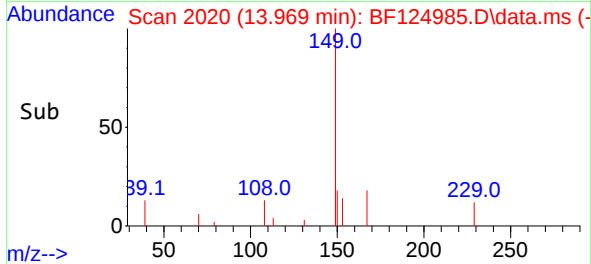




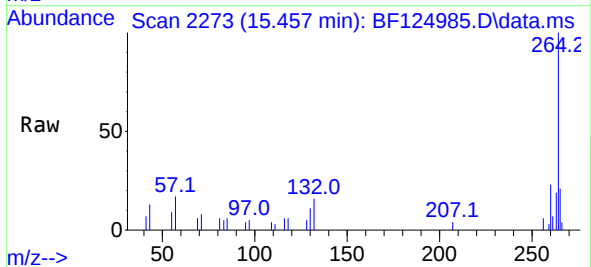
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.065 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF124985.D
Acq: 7 Aug 2021 21:09



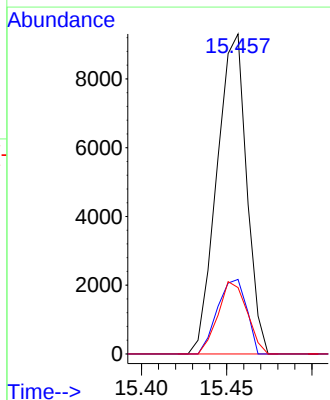
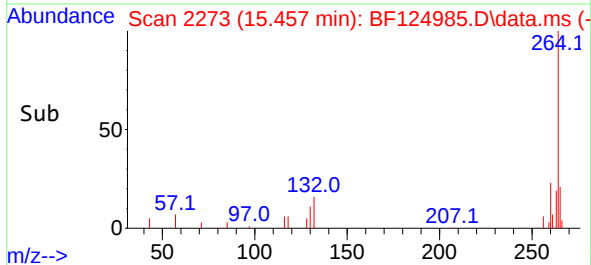
Tgt Ion:149 Resp: 3520
Ion Ratio Lower Upper
149 100
167 28.9 21.4 32.0
279 0.0 2.6 4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF124985.D
Acq: 7 Aug 2021 21:09



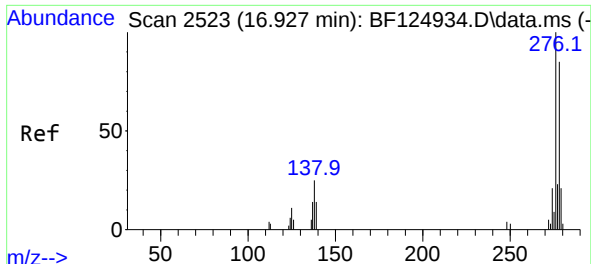
Tgt Ion:264 Resp: 11308
Ion Ratio Lower Upper
264 100
260 23.3 19.6 29.4
265 20.8 17.2 25.8



Instrument :
BNA_F
ClientSampled :
27193

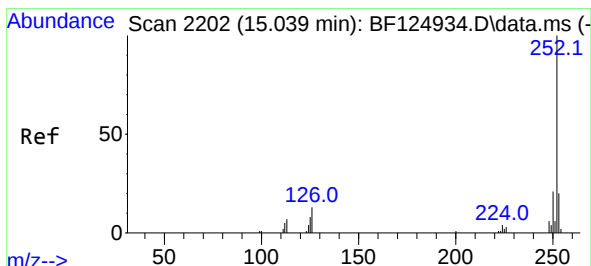
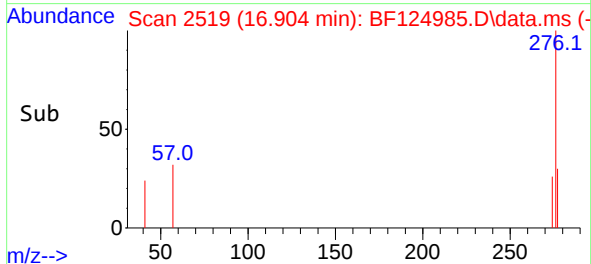
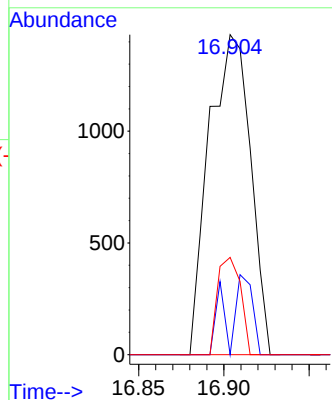
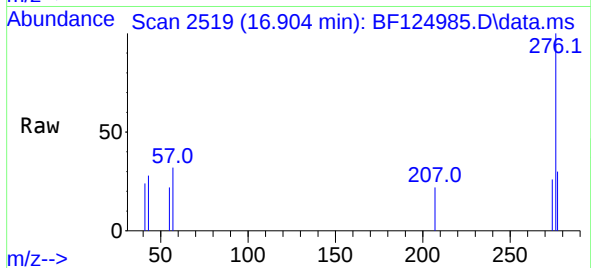
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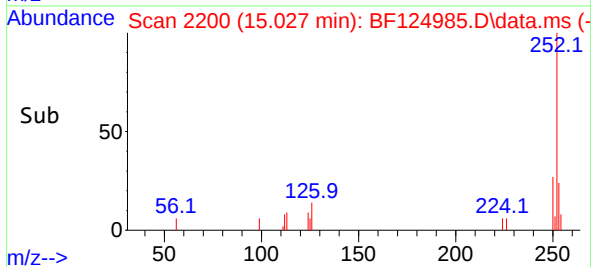
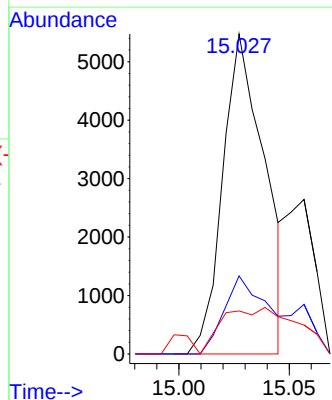
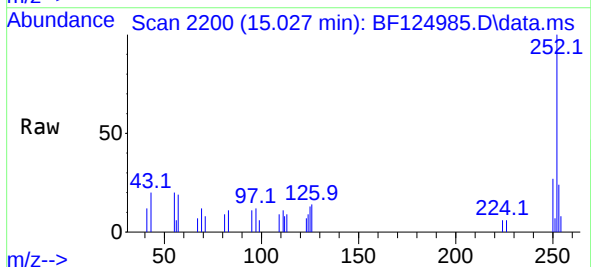
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.595 ng
RT: 16.904 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BF124985.D
Acq: 7 Aug 2021 21:09

Tgt Ion: 276 Resp: 2421
Ion Ratio Lower Upper
276 100
138 14.5 24.1 36.1#
277 16.9 18.8 28.2#



#88
Benzo(b)fluoranthene
Concen: 9.131 ng m
RT: 15.027 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BF124985.D
Acq: 7 Aug 2021 21:09

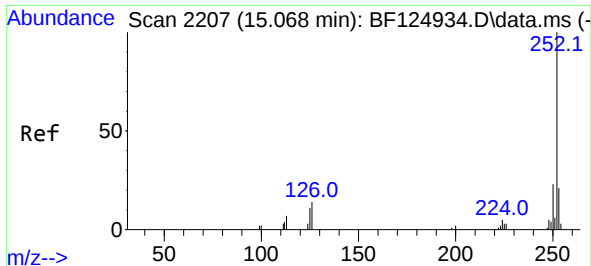
Tgt Ion: 252 Resp: 7250
Ion Ratio Lower Upper
252 100
253 24.4 16.8 25.2
125 13.4 9.8 14.8



Instrument :
BNA_F
ClientSampled :
27193

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#89

Benzo(k)fluoranthene

Concen: 3.166 ng m

RT: 15.057 min Scan# 2205

Delta R.T. 0.006 min

Lab File: BF124985.D

Acq: 7 Aug 2021 21:09

Tgt Ion:	252	Resp:	2287
Ion	Ratio	Lower	Upper
252	100		
253	32.1	17.8	26.8#
125	18.7	7.2	10.8#

Instrument :

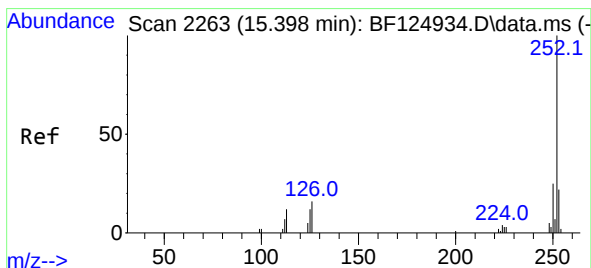
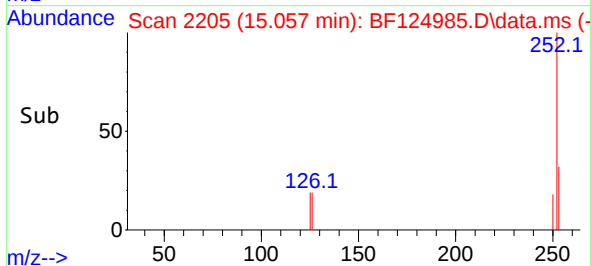
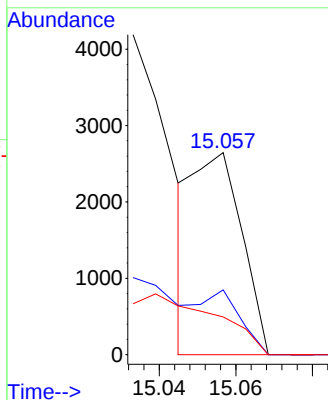
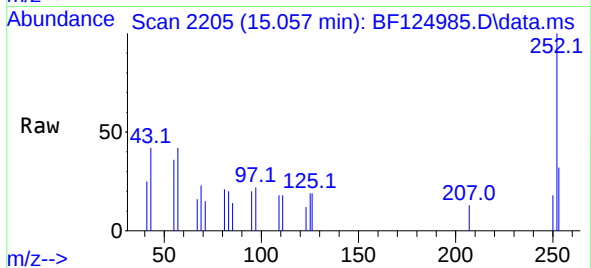
BNA_F

ClientSampled :

27193

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#90

Benzo(a)pyrene

Concen: 6.231 ng

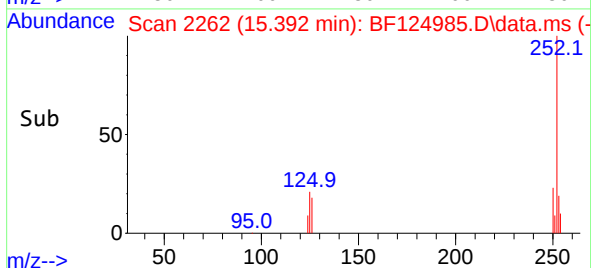
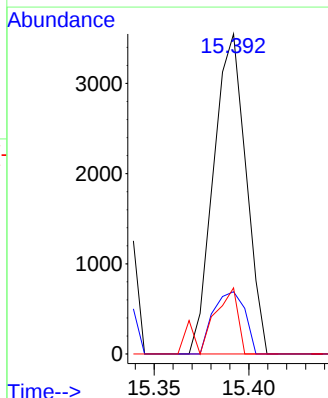
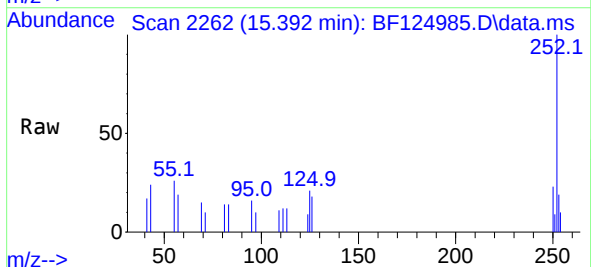
RT: 15.392 min Scan# 2262

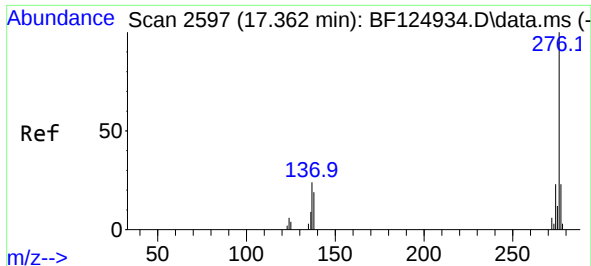
Delta R.T. 0.006 min

Lab File: BF124985.D

Acq: 7 Aug 2021 21:09

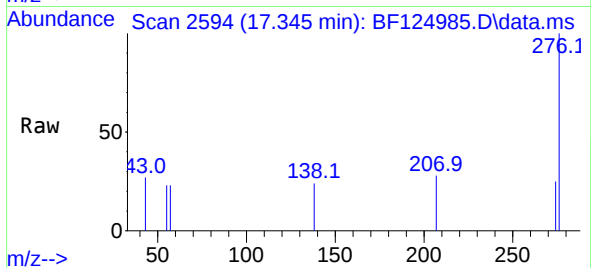
Tgt Ion:	252	Resp:	4213
Ion	Ratio	Lower	Upper
252	100		
253	19.5	18.4	27.6
125	20.7	9.9	14.9#





#92
 Benzo(g,h,i)perylene
 Concen: 3.786 ng
 RT: 17.345 min Scan# 2594
 Delta R.T. 0.006 min
 Lab File: BF124985.D
 Acq: 7 Aug 2021 21:09

Instrument :
 BNA_F
 ClientSampled :
 27193



Tgt Ion: 276 Resp: 2150
 Ion Ratio Lower Upper
 276 100
 277 0.0 22.0 33.0#
 138 23.8 22.2 33.4

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