

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124842.D
 Acq On : 28 Jul 2021 23:11
 Operator : JU/CG
 Sample : M3202-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072721

Manual Integrations
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Quant Time: Jul 29 02:12:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5842	20.000	ng	# 0.00
21) Naphthalene-d8	8.151	136	23417	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	12160	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	18001	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	13071	20.000	ng	# 0.00
86) Perylene-d12	15.509	264	11503	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	37195	107.801	ng	0.00
7) Phenol-d6	6.498	99	44659	103.245	ng	0.00
23) Nitrobenzene-d5	7.434	82	29659	75.383	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	9647	92.399	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	61936	74.810	ng	0.00
79) Terphenyl-d14	12.980	244	49058	64.335	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.416	178	7456	7.701	ng	98
75) Fluoranthene	12.604	202	6985	7.070	ng	97
78) Pyrene	12.833	202	6865m	6.634	ng	
81) Benzo(a)anthracene	14.021	228	2818	3.298	ng	94
83) Chrysene	14.057	228	3125	3.796	ng	95
88) Benzo(b)fluoranthene	15.074	252	2954m	3.647	ng	
90) Benzo(a)pyrene	15.439	252	2161	3.194	ng	# 85

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

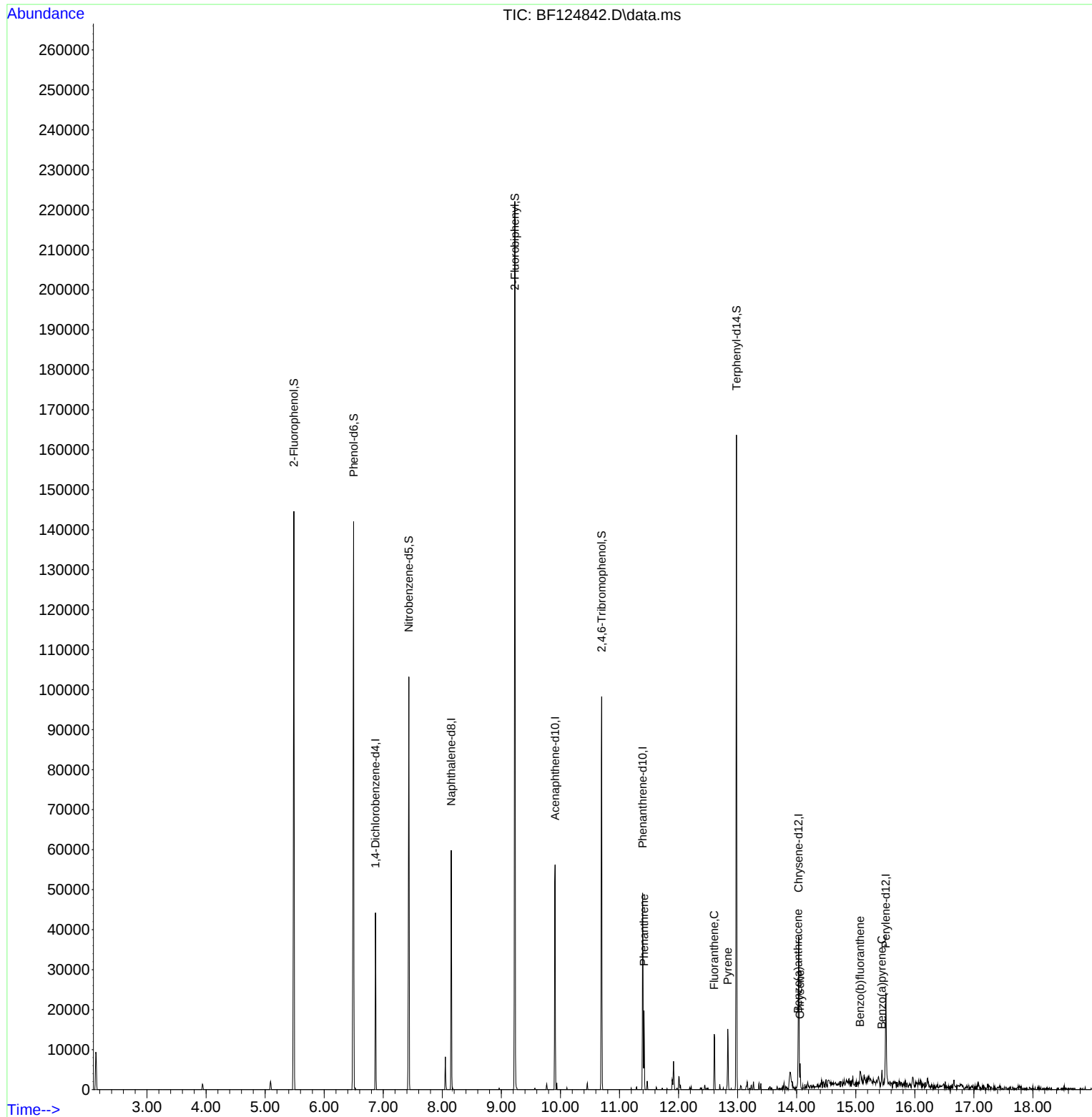
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124842.D
Acq On : 28 Jul 2021 23:11
Operator : JU/CG
Sample : M3202-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

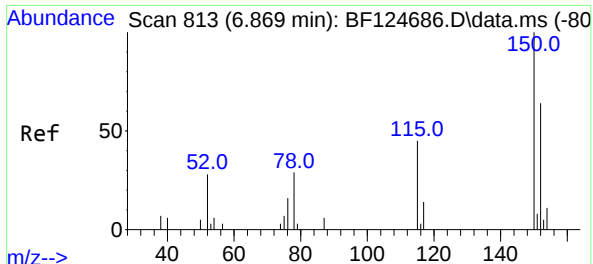
Instrument :
BNA_F
ClientSampleId :
CL-02-072721

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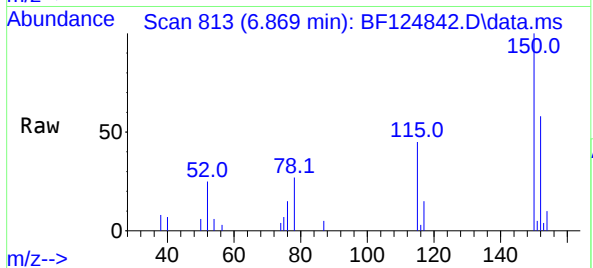
Quant Time: Jul 29 02:12:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

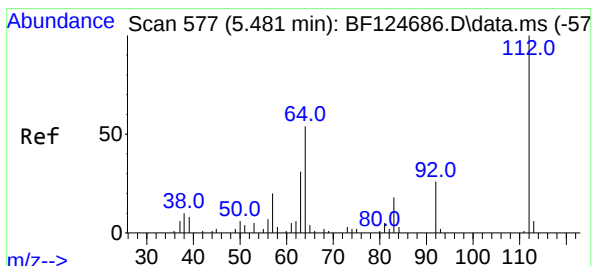
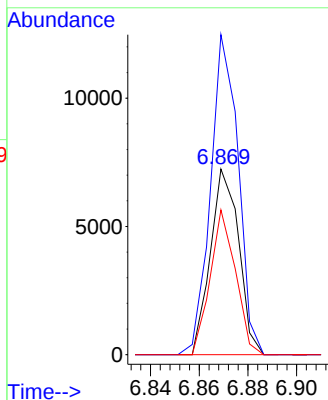
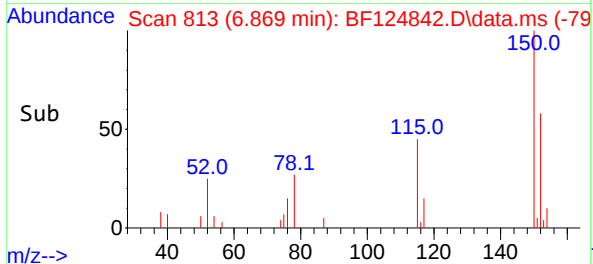
Instrument :
BNA_F
ClientSampleId :
CL-02-072721



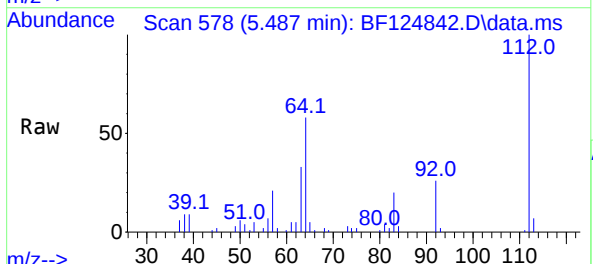
Tgt Ion:152 Resp: 5842
Ion Ratio Lower Upper
152 100
150 172.4 117.6 176.4
115 78.0 47.1 70.7#

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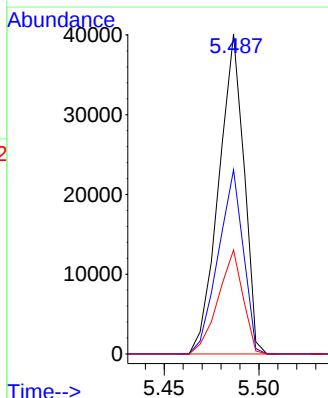
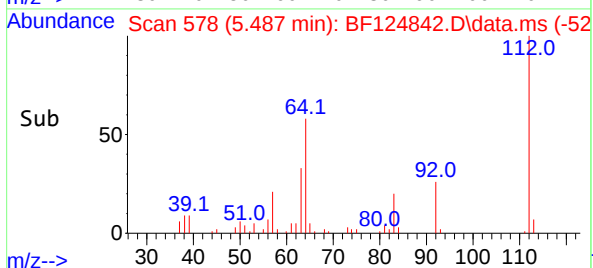
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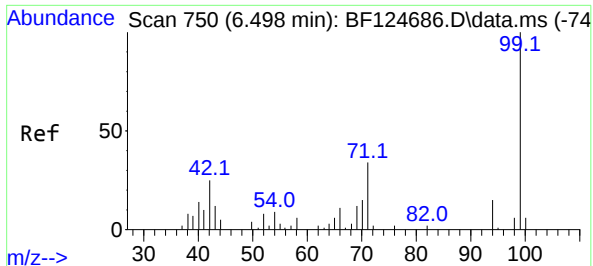


#5
2-Fluorophenol
Concen: 107.801 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11



Tgt Ion:112 Resp: 37195
Ion Ratio Lower Upper
112 100
64 57.6 44.2 66.2
63 32.5 26.2 39.2





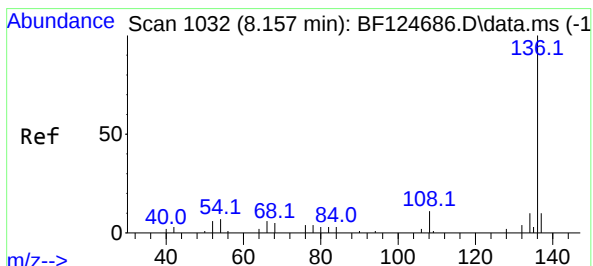
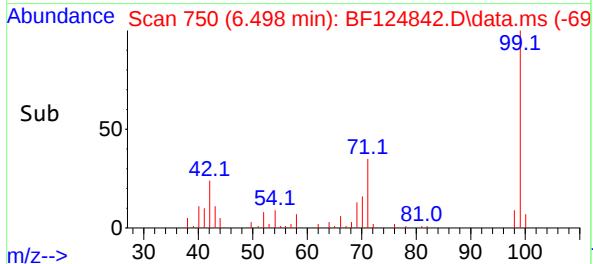
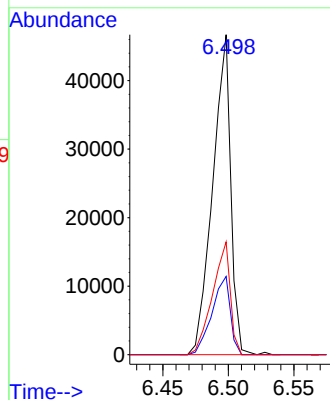
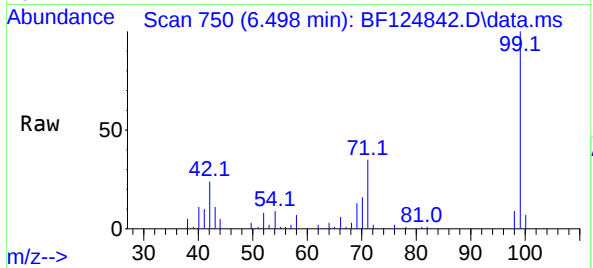
#7
Phenol-d6
Concen: 103.245 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

Tgt Ion:	99	Resp:	44659
Ion	Ratio	Lower	Upper
99	100		
42	24.5	23.5	35.3
71	35.3	25.6	38.4

Instrument :
BNA_F
ClientSampled :
CL-02-072721

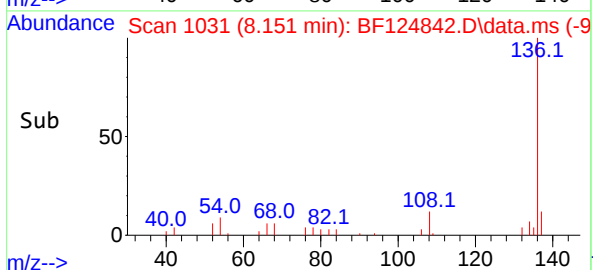
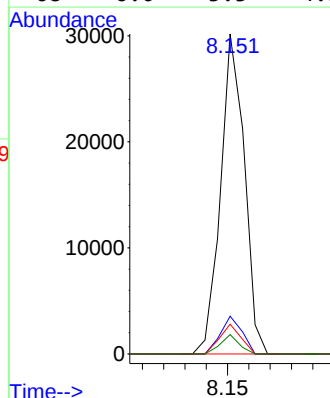
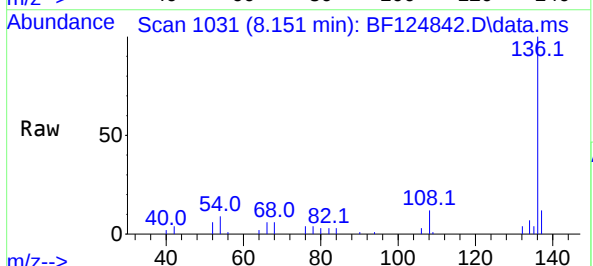
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

Tgt Ion:	136	Resp:	23417
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.8	14.6
54	9.3	6.4	9.6
68	6.0	3.3	4.9





#23

Nitrobenzene-d5

Concen: 75.383 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF124842.D

Acq: 28 Jul 2021 23:11

Tgt Ion:	82	Resp:	29659
Ion	Ratio	Lower	Upper
82	100		
128	42.7	40.6	60.8
54	61.3	49.6	74.4

Instrument :

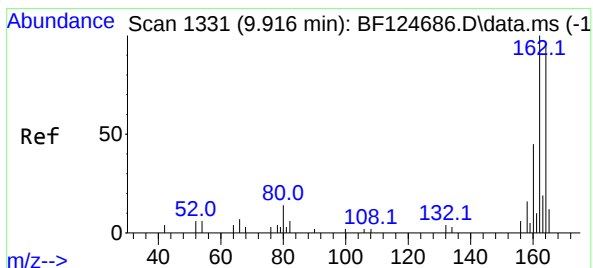
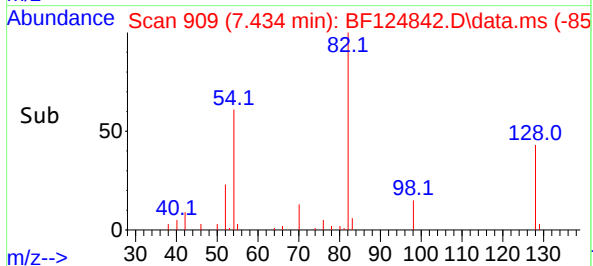
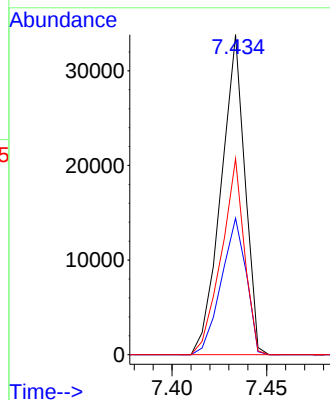
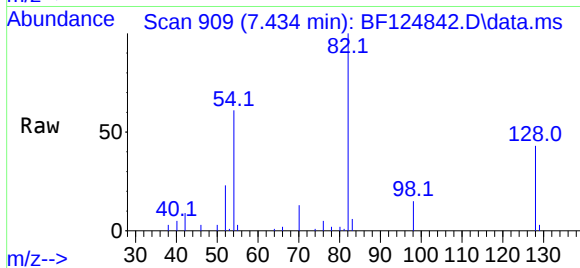
BNA_F

ClientSampleId :

CL-02-072721

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#39

Acenaphthene-d10

Concen: 20.000 ng

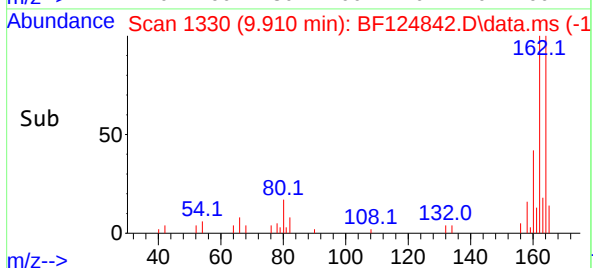
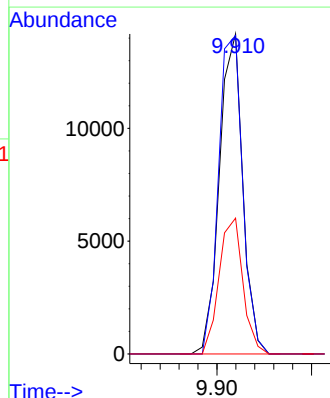
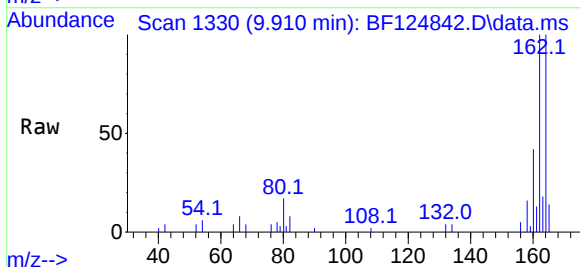
RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF124842.D

Acq: 28 Jul 2021 23:11

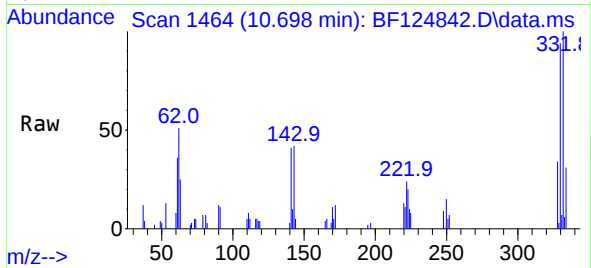
Tgt Ion:	164	Resp:	12160
Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.3	121.9
160	42.4	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 92.399 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

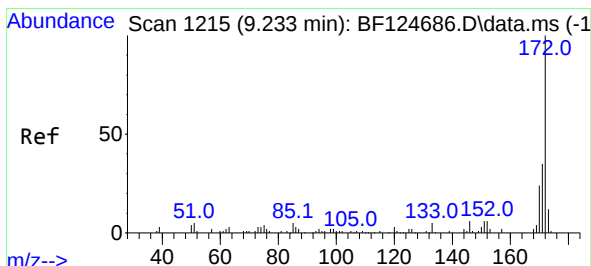
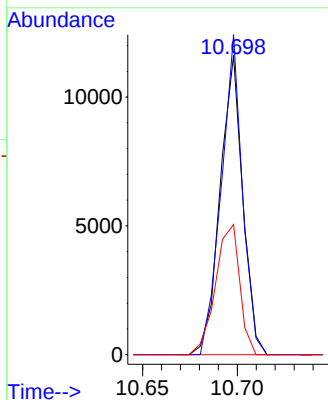
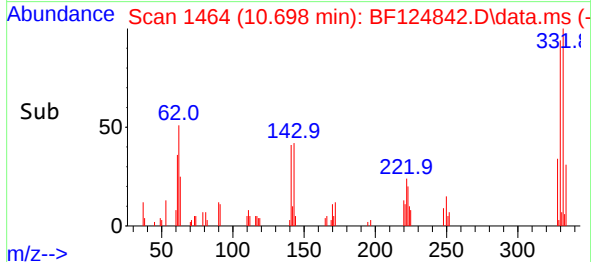
Instrument :
BNA_F
ClientSampled :
CL-02-072721



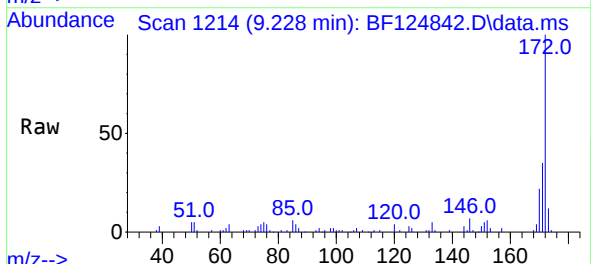
Tgt Ion:330 Resp: 9647
Ion Ratio Lower Upper
330 100
332 99.8 76.2 114.4
141 46.5 44.6 66.8

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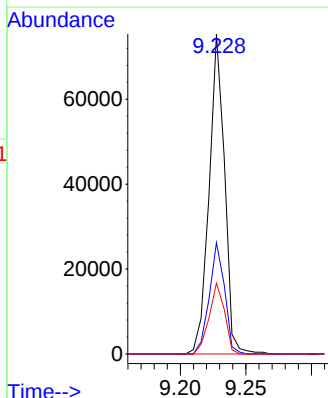
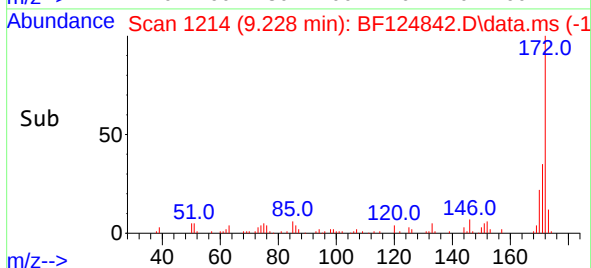
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#45
2-Fluorobiphenyl
Concen: 74.810 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11



Tgt Ion:172 Resp: 61936
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 22.1 18.8 28.2





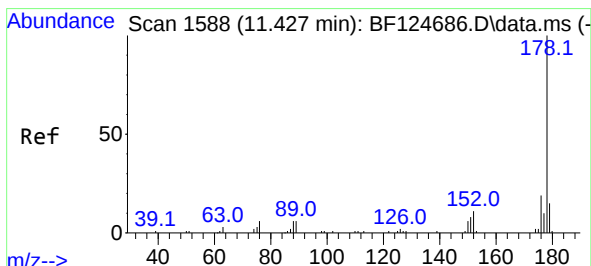
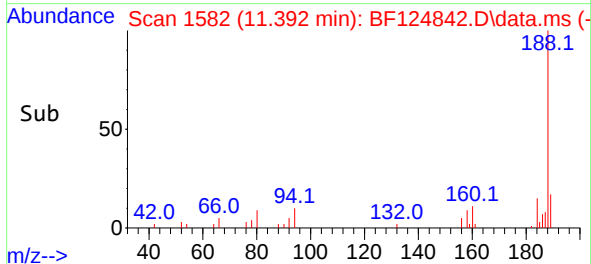
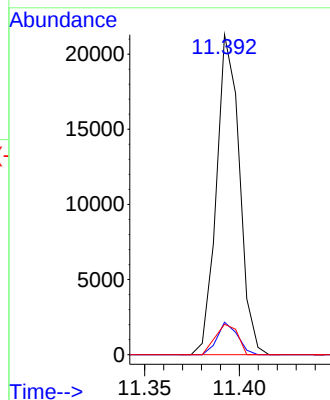
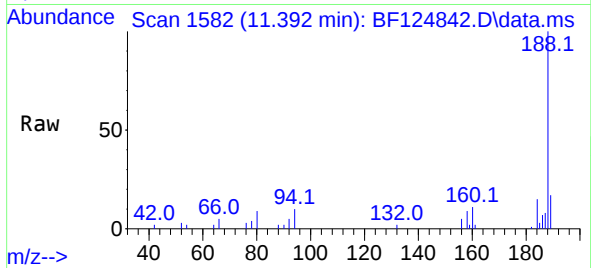
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

Instrument :
BNA_F
ClientSampleId :
CL-02-072721

Tgt Ion:188 Resp: 18001
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 9.5 7.5 11.3

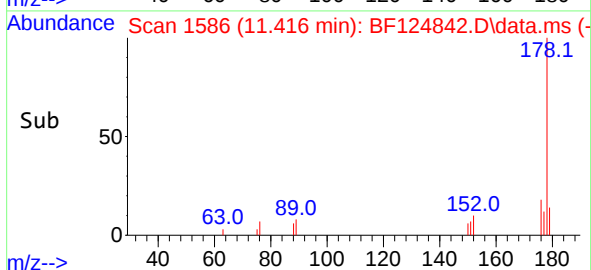
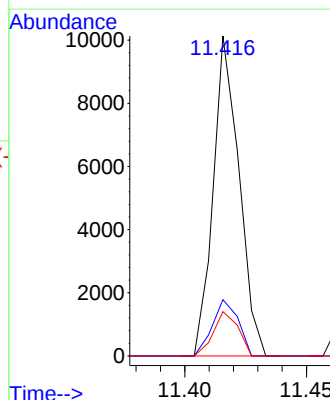
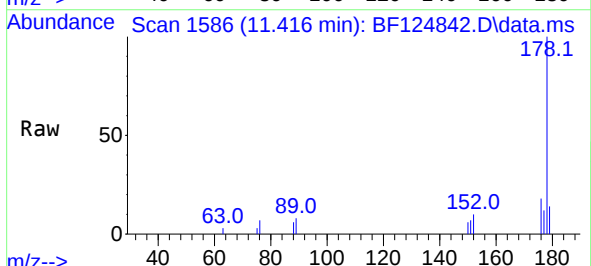
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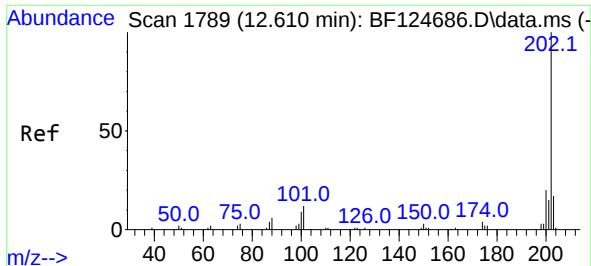
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#71
Phenanthrene
Concen: 7.701 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

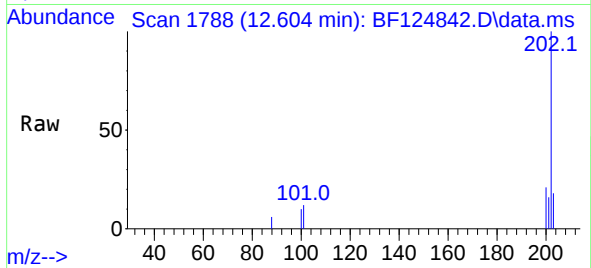
Tgt Ion:178 Resp: 7456
Ion Ratio Lower Upper
178 100
176 17.6 14.7 22.1
179 13.8 11.5 17.3





#75
Fluoranthene
Concen: 7.070 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

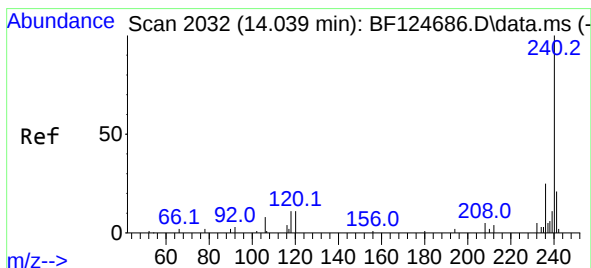
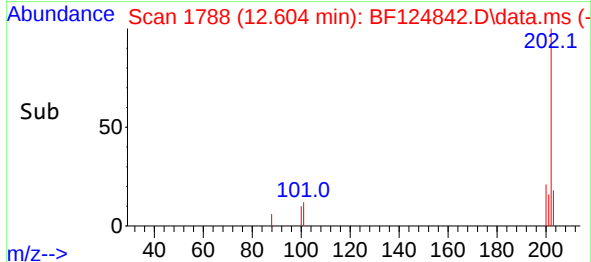
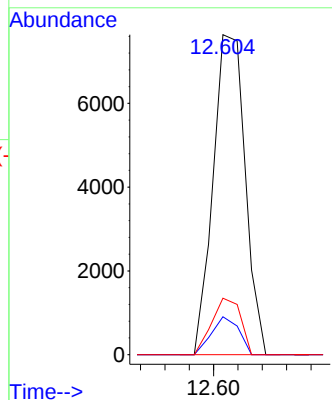
Instrument :
BNA_F
ClientSampleId :
CL-02-072721



Tgt Ion:202 Resp: 6985
Ion Ratio Lower Upper
202 100
101 11.8 0.0 30.7
203 17.6 0.0 36.3

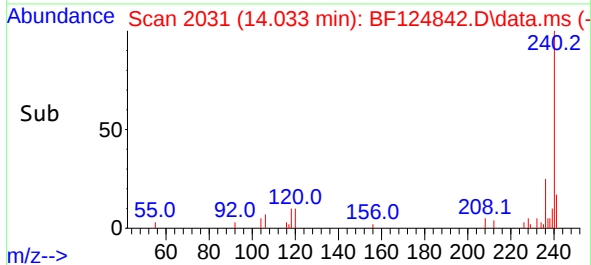
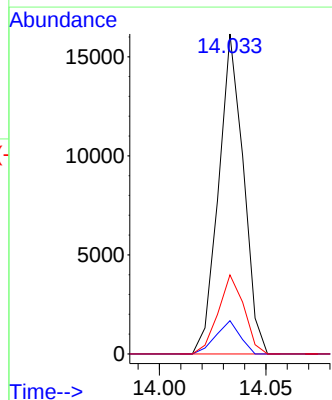
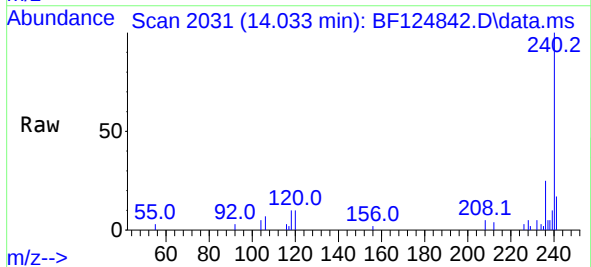
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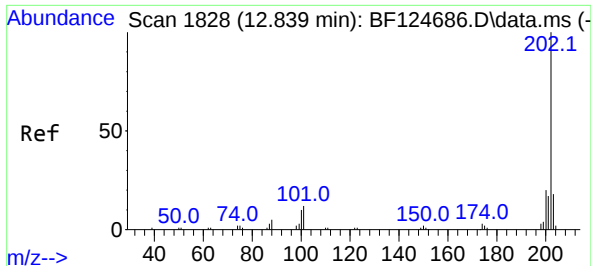
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

Tgt Ion:240 Resp: 13071
Ion Ratio Lower Upper
240 100
120 10.4 10.8 16.2#
236 24.7 21.6 32.4





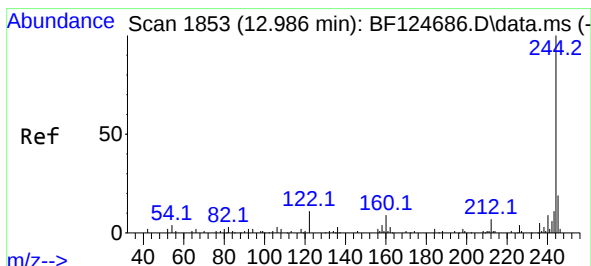
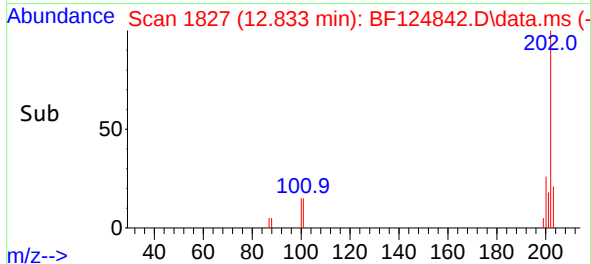
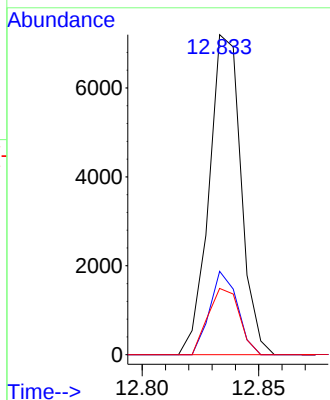
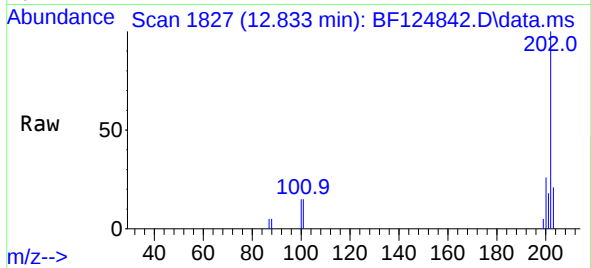
#78
Pyrene
Concen: 6.634 ng m
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

Tgt Ion:	202	Resp:	6865
Ion Ratio	Lower	Upper	
202	100		
200	26.1	15.3	22.9#
203	20.7	13.4	20.0#

Instrument :
BNA_F
ClientSampleId :
CL-02-072721

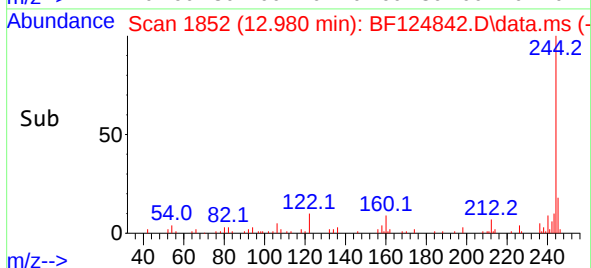
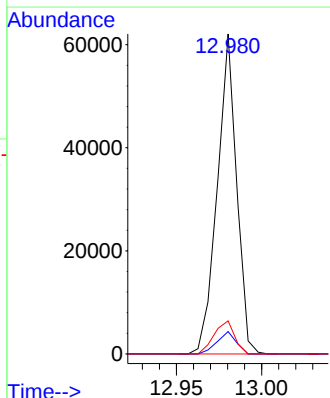
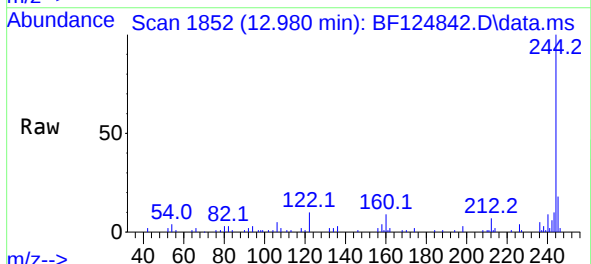
Manual Integrations
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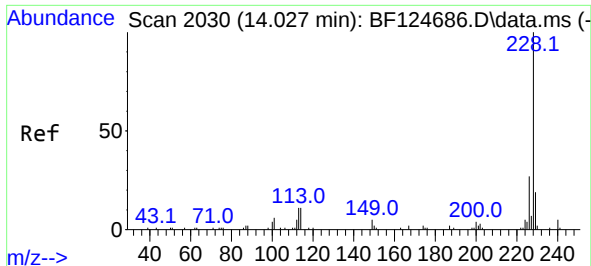
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#79
Terphenyl-d14
Concen: 64.335 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

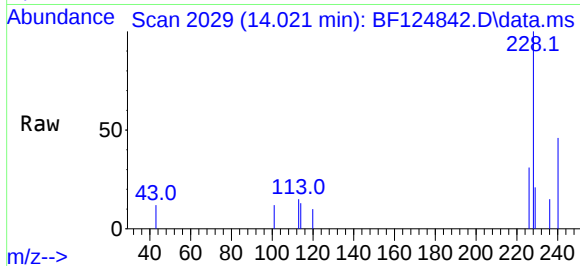
Tgt Ion:	244	Resp:	49058
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.9	8.9
122	10.4	9.0	13.4





#81
Benzo(a)anthracene
Concen: 3.298 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

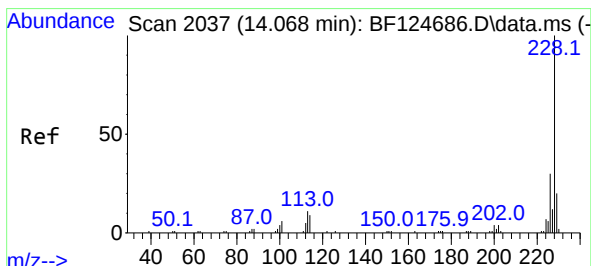
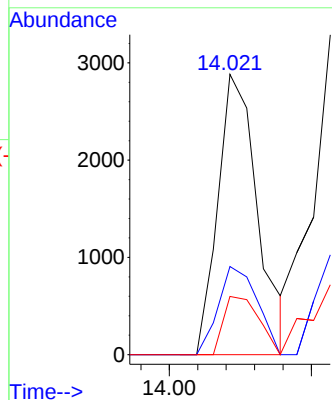
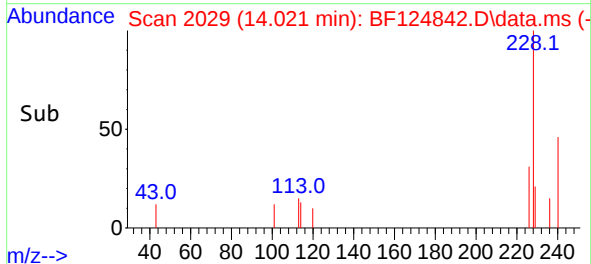
Instrument :
BNA_F
ClientSampled :
CL-02-072721



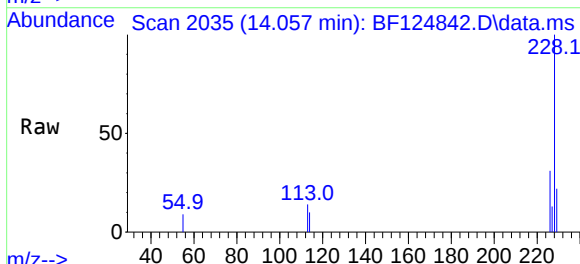
Tgt Ion:228 Resp: 2818
Ion Ratio Lower Upper
228 100
226 31.4 21.6 32.4
229 20.7 15.6 23.4

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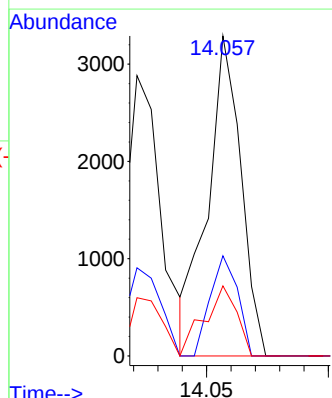
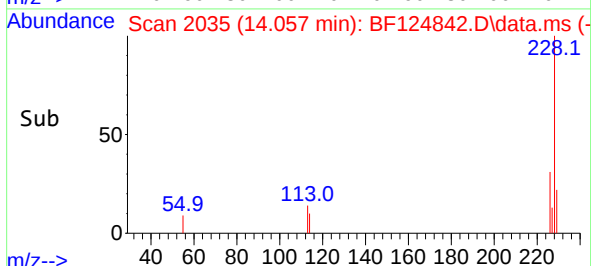
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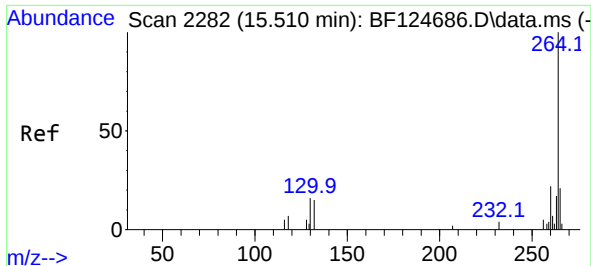


#83
Chrysene
Concen: 3.796 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

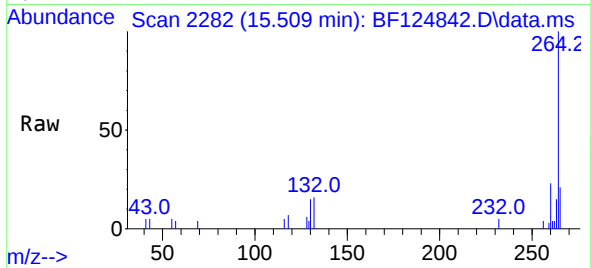


Tgt Ion:228 Resp: 3125
Ion Ratio Lower Upper
228 100
226 31.3 22.6 34.0
229 21.9 15.9 23.9

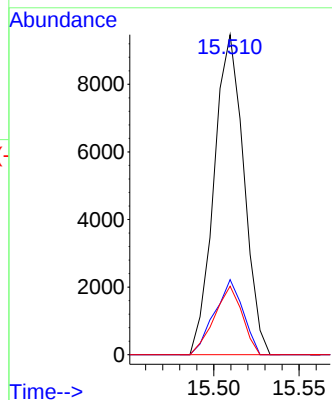




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11



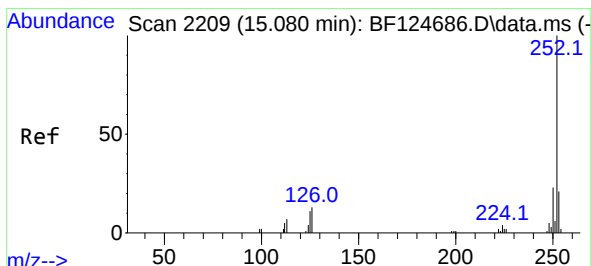
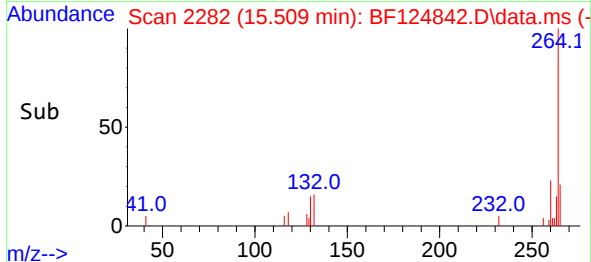
Tgt Ion:264 Resp: 11503
Ion Ratio Lower Upper
264 100
260 23.5 19.6 29.4
265 21.4 17.2 25.8



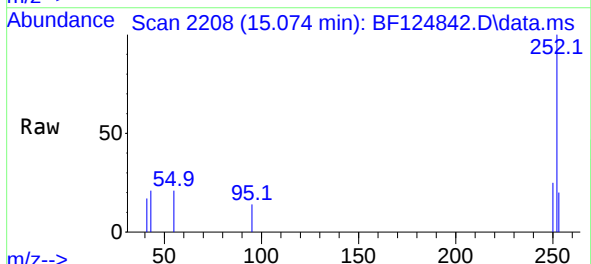
Instrument :
BNA_F
ClientSampleId :
CL-02-072721

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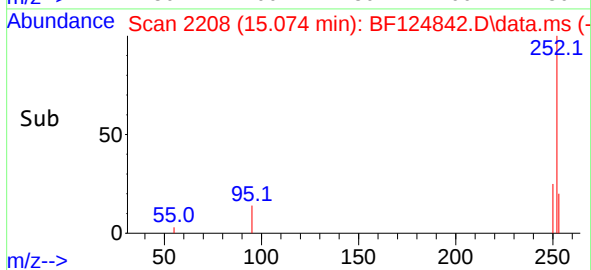
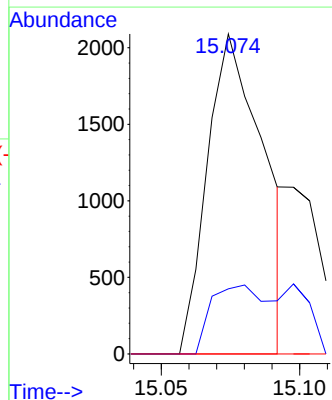
mohammad
7/29/2021 1:43:47 PM

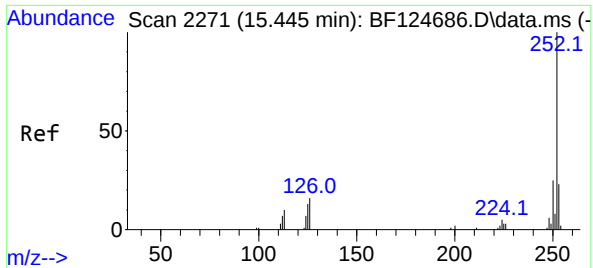


#88
Benzo(b)fluoranthene
Concen: 3.647 ng m
RT: 15.074 min Scan# 2208
Delta R.T. -0.006 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11



Tgt Ion:252 Resp: 2954
Ion Ratio Lower Upper
252 100
253 20.3 16.8 25.2
125 0.0 9.8 14.8#





#90
Benzo(a)pyrene
Concen: 3.194 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

Tgt Ion:	252	Resp:	2161
Ion Ratio	Lower	Upper	
252	100		
253	17.7	18.4	27.6#
125	21.6	9.9	14.9#

Instrument :
BNA_F
ClientSampled :
CL-02-072721

Manual Integrations
APPROVED

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