

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125955.D
 Acq On : 27 Oct 2021 2:30
 Operator : JU/CG
 Sample : M4355-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-2-102521

Manual Integrations
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Quant Time: Oct 27 09:05:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 25 18:49:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	176457	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	643171	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	295193	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	511116	20.000	ng	0.00
76) Chrysene-d12	14.027	240	329388	20.000	ng	0.00
86) Perylene-d12	15.498	264	240308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	515573	43.521	ng	0.00
7) Phenol-d6	6.481	99	613361	37.749	ng	-0.01
23) Nitrobenzene-d5	7.422	82	376422	30.231	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	101000	39.249	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	569628	34.125	ng	-0.01
79) Terphenyl-d14	12.974	244	524090	26.026	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.410	178	76224	2.874	ng	98
75) Fluoranthene	12.598	202	135514	5.069	ng	97
78) Pyrene	12.827	202	120935	3.945	ng	95
81) Benzo(a)anthracene	14.015	228	48256	2.177	ng	# 95
83) Chrysene	14.051	228	50231	2.239	ng	# 94
88) Benzo(b)fluoranthene	15.068	252	46991m	2.963	ng	
90) Benzo(a)pyrene	15.433	252	29370	2.294	ng	# 73

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

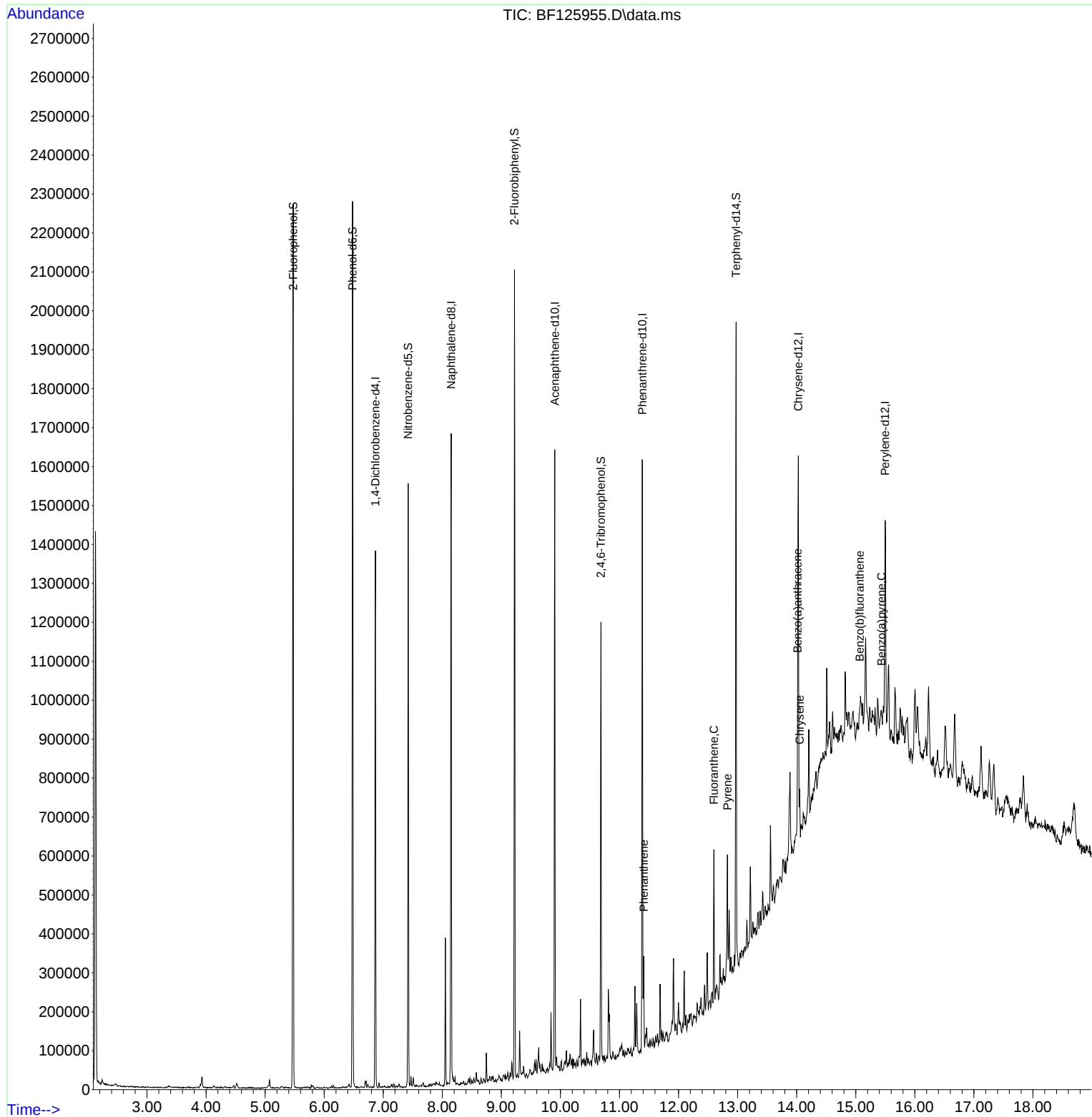
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
Data File : BF125955.D
Acq On : 27 Oct 2021 2:30
Operator : JU/CG
Sample : M4355-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

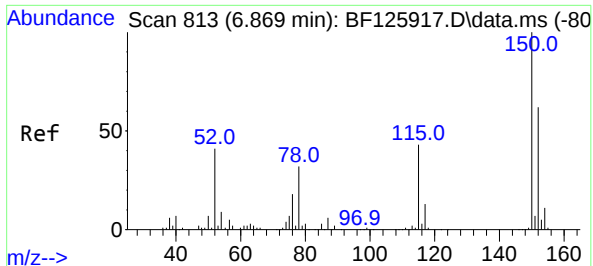
Instrument :
BNA_F
ClientSampleId :
OK-2-102521

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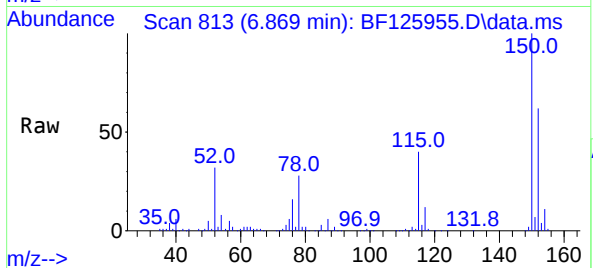
Quant Time: Oct 27 09:05:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 18:49:16 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125955.D
Acq: 27 Oct 2021 2:30

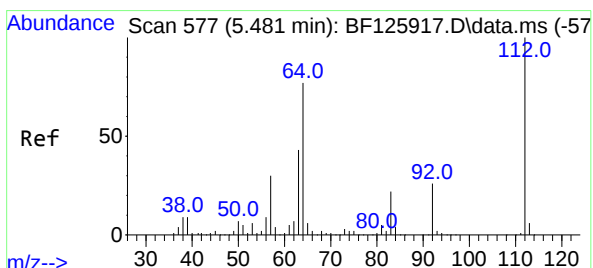
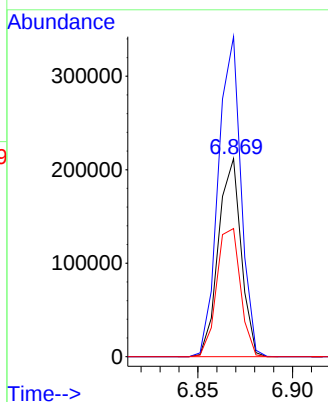
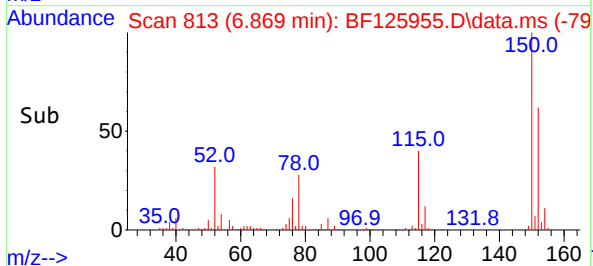
Instrument :
BNA_F
ClientSampleID :
OK-2-102521



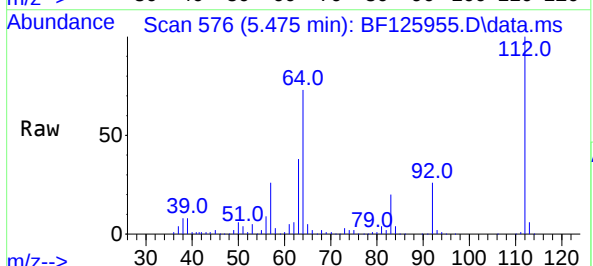
Tgt Ion:152 Resp: 176457
Ion Ratio Lower Upper
152 100
150 161.6 117.6 176.4
115 64.7 47.1 70.7

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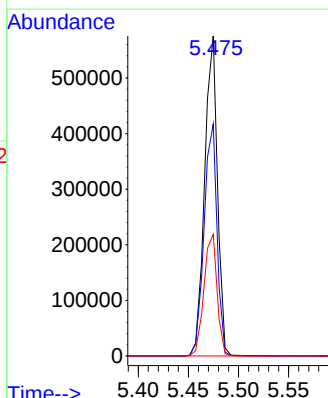
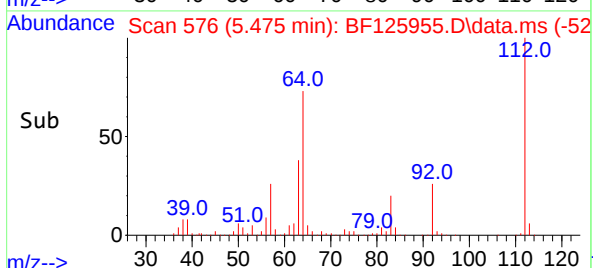
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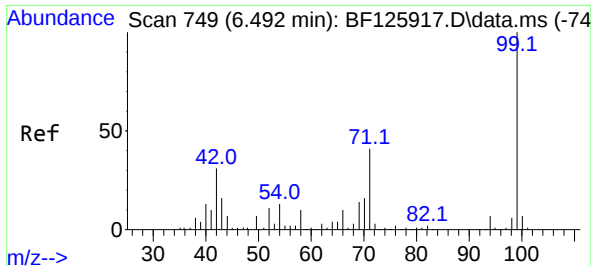


#5
2-Fluorophenol
Concen: 43.521 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF125955.D
Acq: 27 Oct 2021 2:30



Tgt Ion:112 Resp: 515573
Ion Ratio Lower Upper
112 100
64 72.5 44.2 66.2#
63 38.1 26.2 39.2





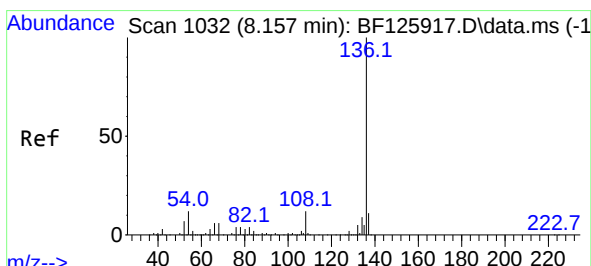
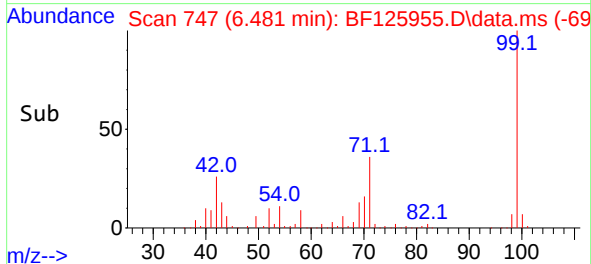
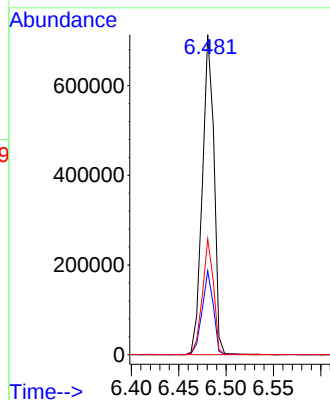
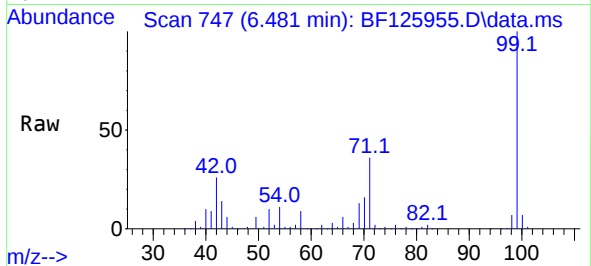
#7
Phenol-d6
Concen: 37.749 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF125955.D
Acq: 27 Oct 2021 2:30

Tgt Ion:	99	Resp:	613361
Ion	Ratio	Lower	Upper
99	100		
42	26.2	23.5	35.3
71	36.1	25.6	38.4

Instrument :
BNA_F
ClientSampled :
OK-2-102521

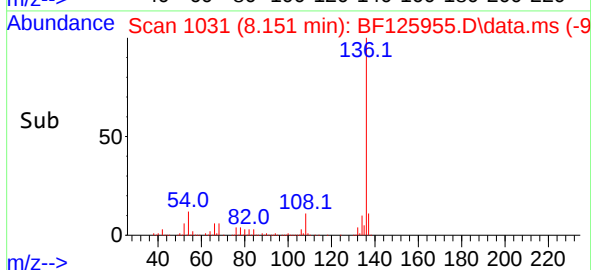
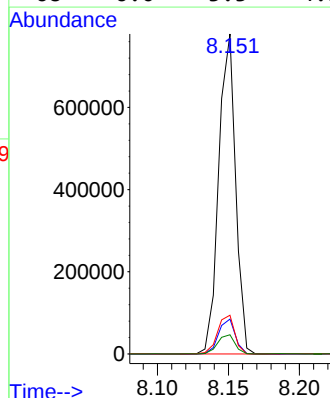
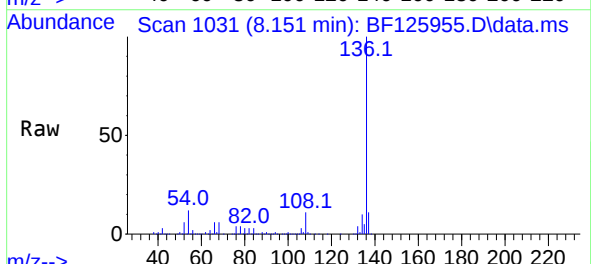
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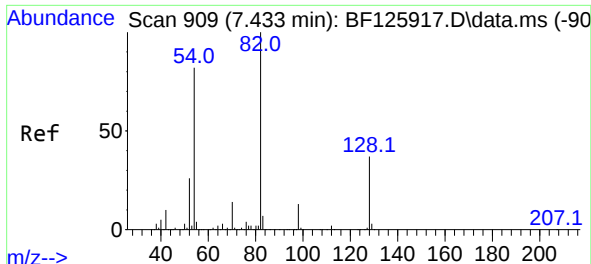
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125955.D
Acq: 27 Oct 2021 2:30

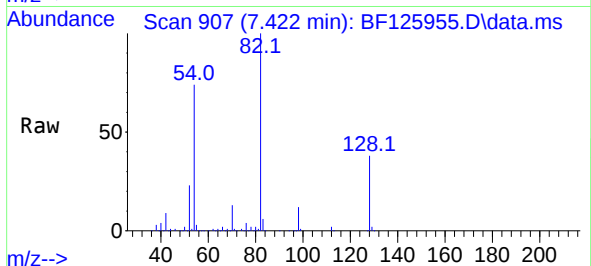
Tgt Ion:	136	Resp:	643171
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	12.1	6.4	9.6#
68	6.0	3.3	4.9#





#23
Nitrobenzene-d5
Concen: 30.231 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF125955.D
Acq: 27 Oct 2021 2:30

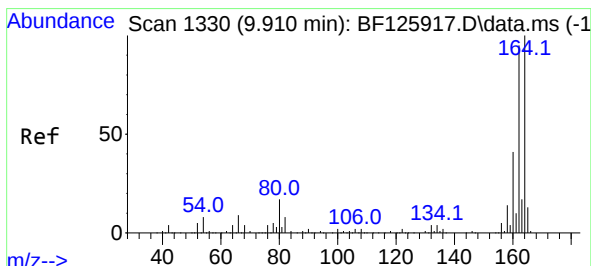
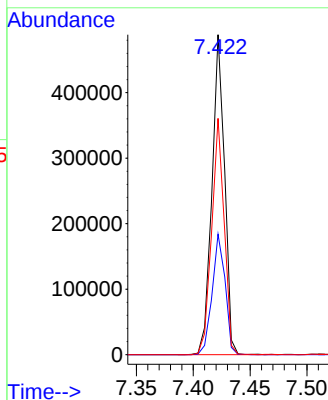
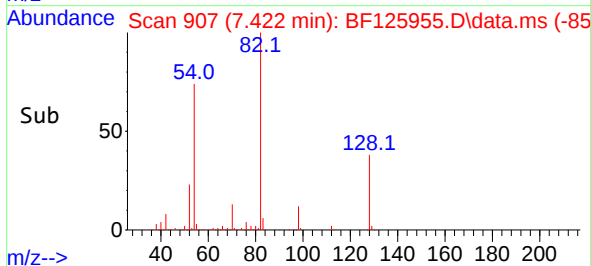
Instrument :
BNA_F
ClientSampleId :
OK-2-102521



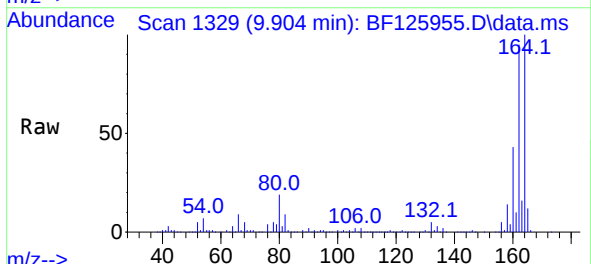
Tgt Ion: 82 Resp: 376422
Ion Ratio Lower Upper
82 100
128 37.7 40.6 60.8#
54 73.8 49.6 74.4

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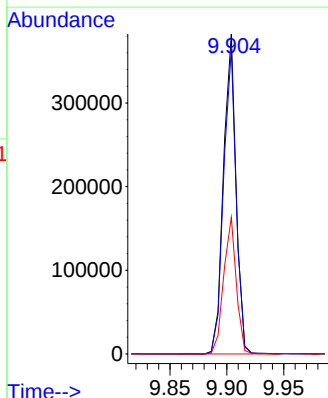
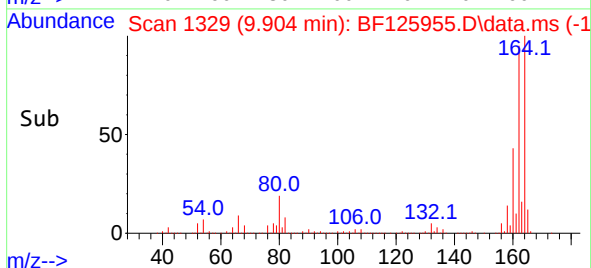
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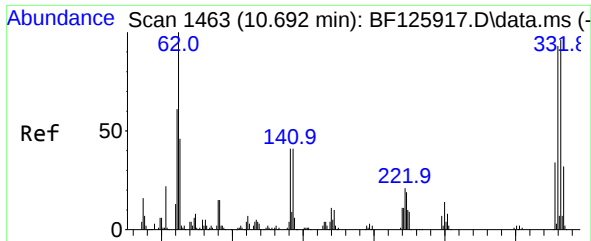


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125955.D
Acq: 27 Oct 2021 2:30



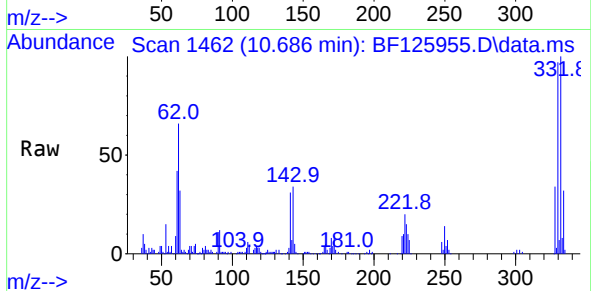
Tgt Ion: 164 Resp: 295193
Ion Ratio Lower Upper
164 100
162 95.3 81.3 121.9
160 42.7 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 39.249 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF125955.D
Acq: 27 Oct 2021 2:30

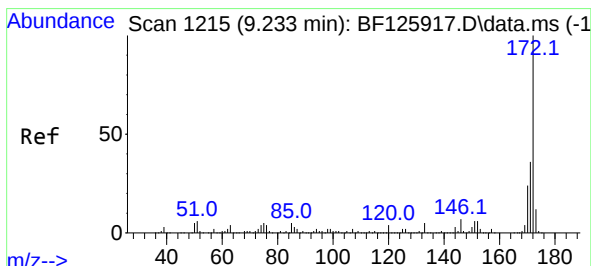
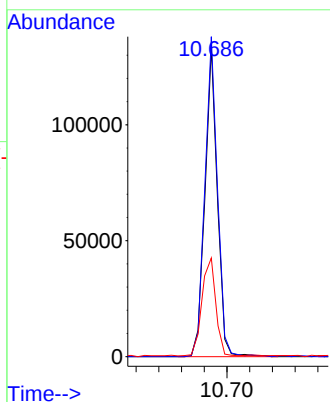
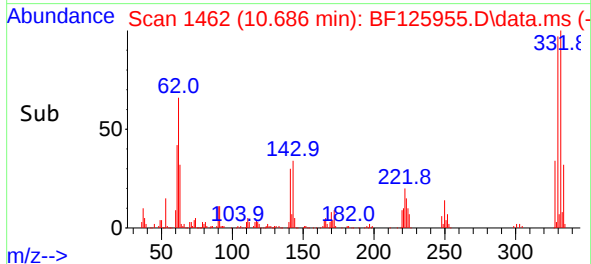
Instrument :
BNA_F
ClientSampleId :
OK-2-102521



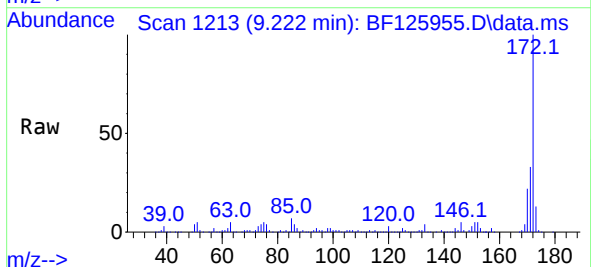
Tgt Ion:330 Resp: 101000
Ion Ratio Lower Upper
330 100
332 105.1 76.2 114.4
141 35.3 44.6 66.8#

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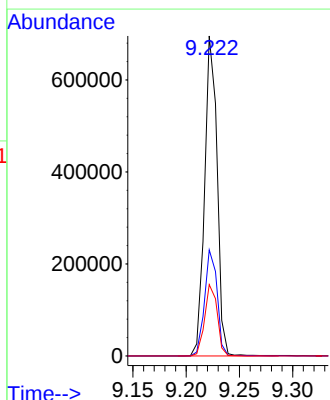
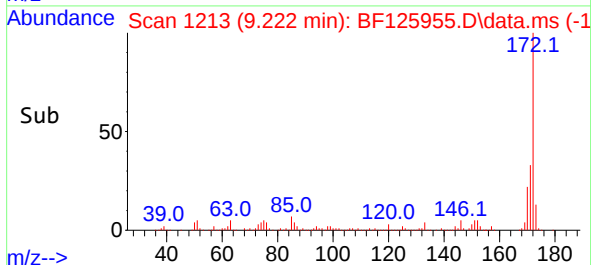
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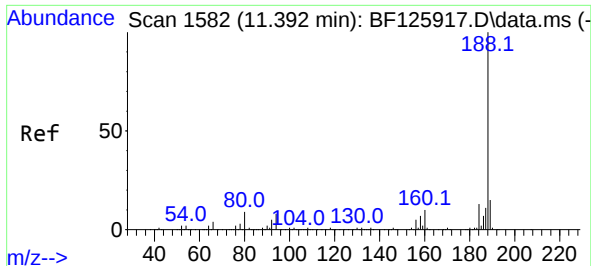


#45
2-Fluorobiphenyl
Concen: 34.125 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF125955.D
Acq: 27 Oct 2021 2:30



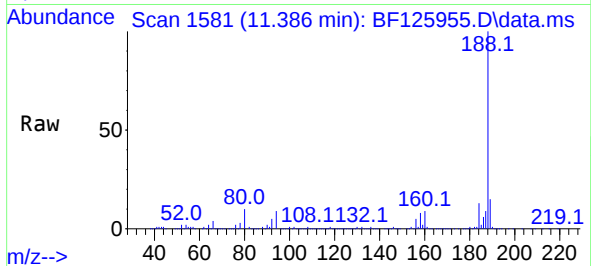
Tgt Ion:172 Resp: 569628
Ion Ratio Lower Upper
172 100
171 33.1 26.5 39.7
170 22.3 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125955.D
Acq: 27 Oct 2021 2:30

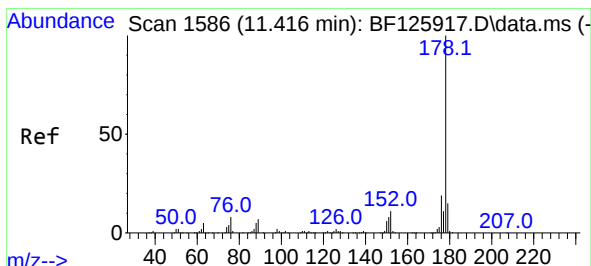
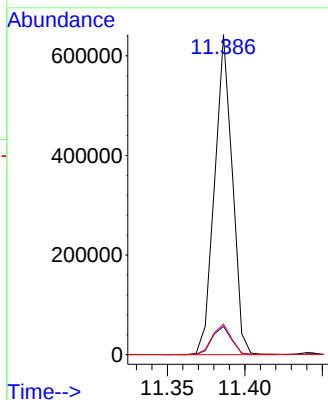
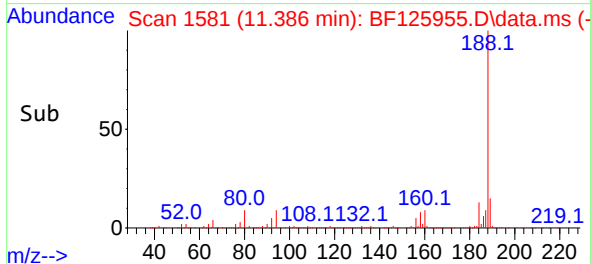
Instrument :
BNA_F
ClientSampleId :
OK-2-102521



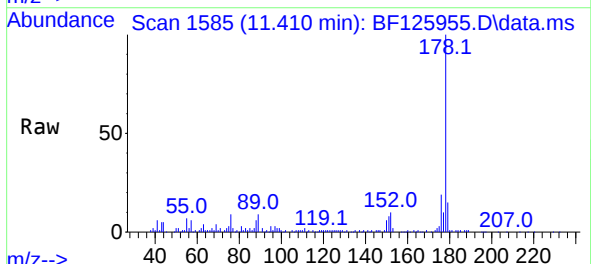
Tgt Ion:188 Resp: 511116
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 9.5 7.5 11.3

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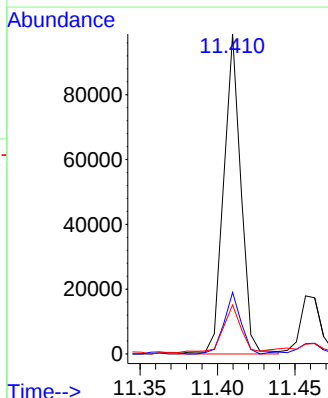
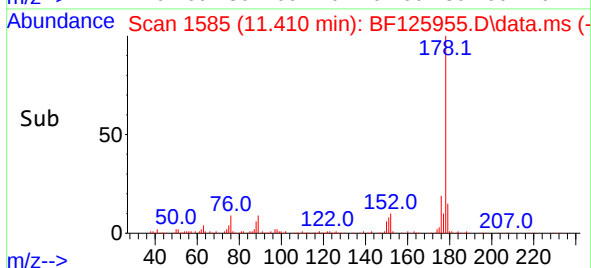
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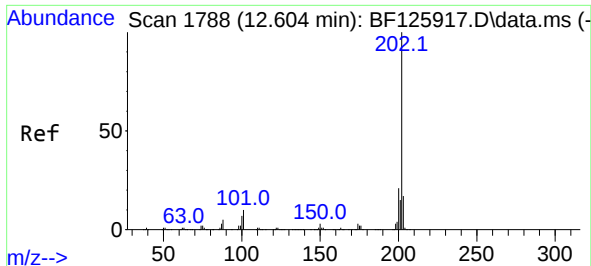


#71
Phenanthrene
Concen: 2.874 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF125955.D
Acq: 27 Oct 2021 2:30



Tgt Ion:178 Resp: 76224
Ion Ratio Lower Upper
178 100
176 19.3 14.7 22.1
179 15.4 11.5 17.3





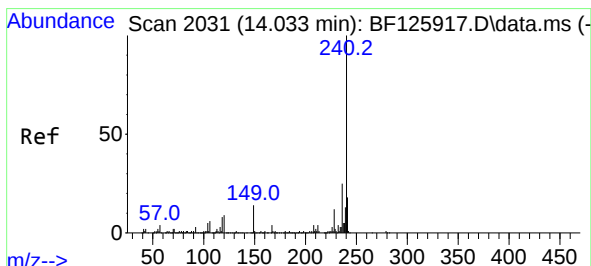
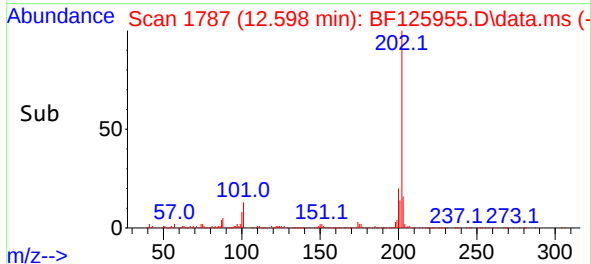
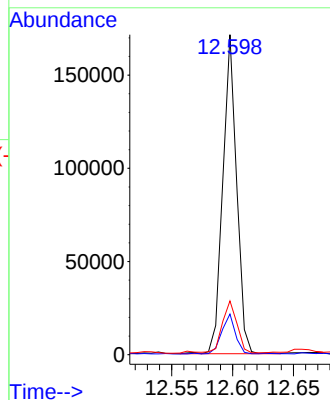
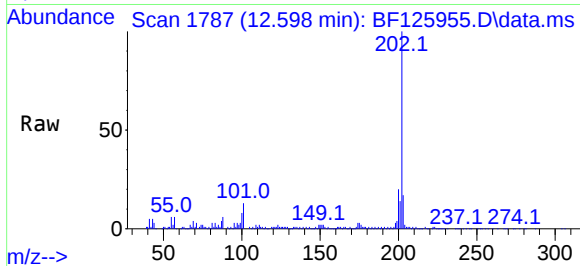
#75
Fluoranthene
Concen: 5.069 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF125955.D
Acq: 27 Oct 2021 2:30

Tgt Ion:	202	Resp:	135514
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	30.7
203	16.8	0.0	36.3

Instrument :
BNA_F
ClientSampleId :
OK-2-102521

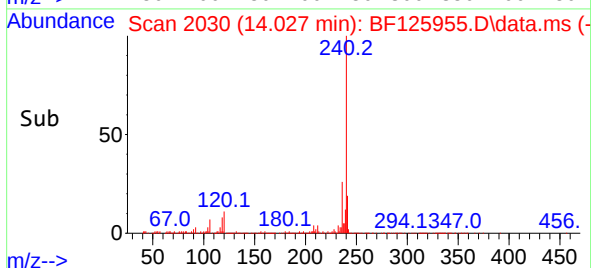
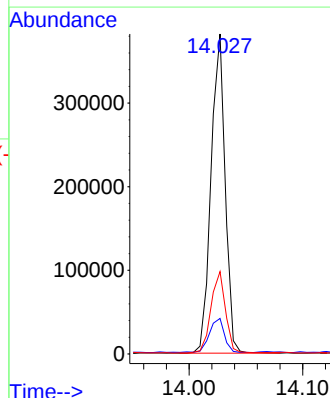
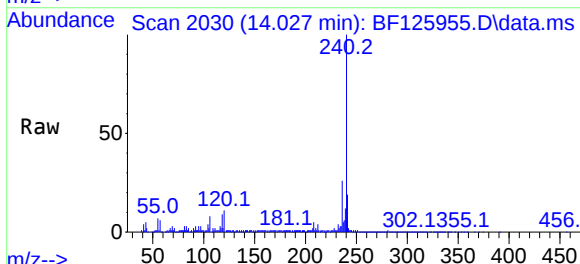
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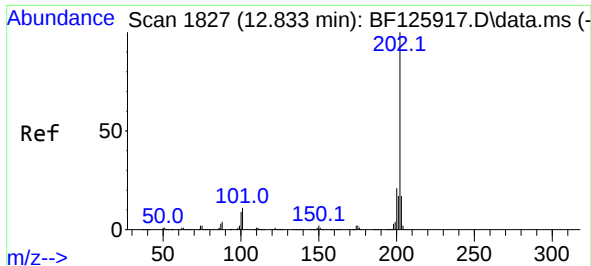
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF125955.D
Acq: 27 Oct 2021 2:30

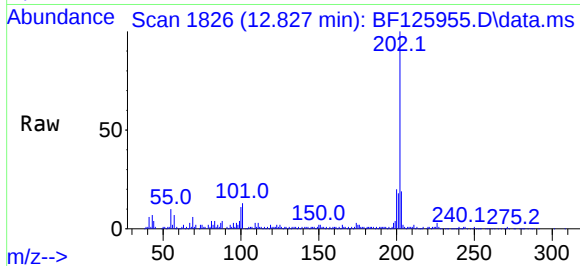
Tgt Ion:	240	Resp:	329388
Ion Ratio	Lower	Upper	
240	100		
120	11.1	10.8	16.2
236	25.7	21.6	32.4





#78
Pyrene
Concen: 3.945 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF125955.D
Acq: 27 Oct 2021 2:30

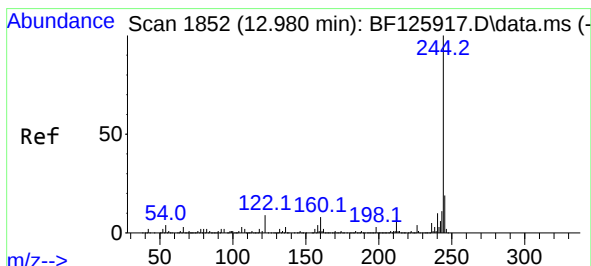
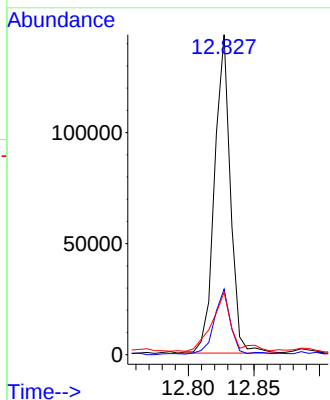
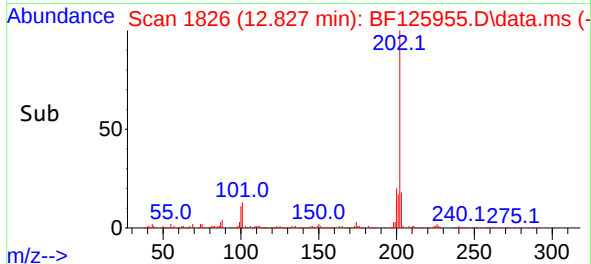
Instrument :
BNA_F
ClientSampleId :
OK-2-102521



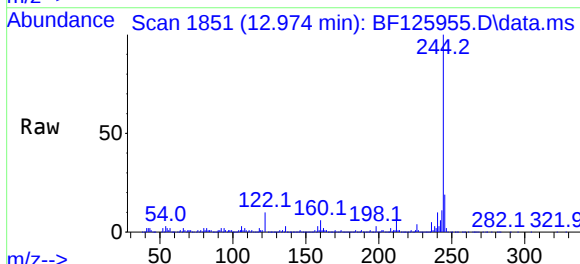
Tgt Ion:202 Resp: 120935
Ion Ratio Lower Upper
202 100
200 20.5 15.3 22.9
203 19.4 13.4 20.0

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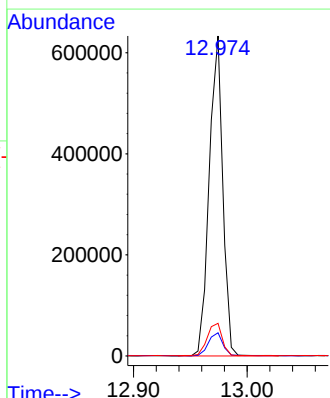
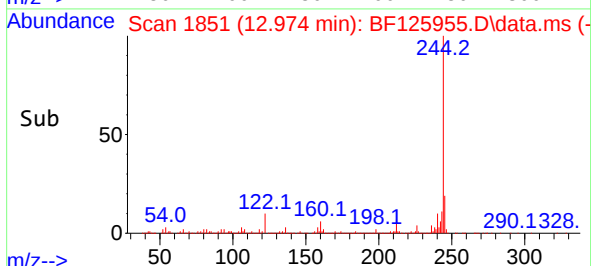
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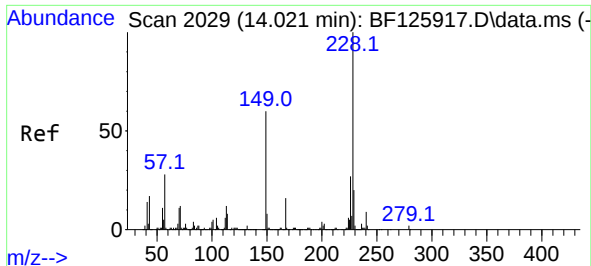


#79
Terphenyl-d14
Concen: 26.026 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF125955.D
Acq: 27 Oct 2021 2:30



Tgt Ion:244 Resp: 524090
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 10.2 9.0 13.4





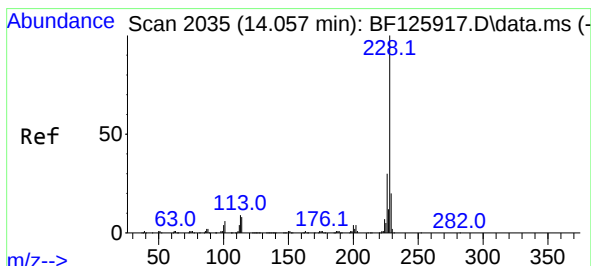
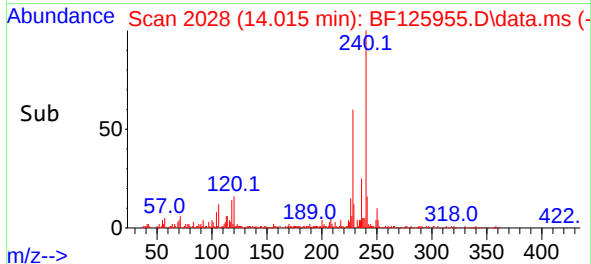
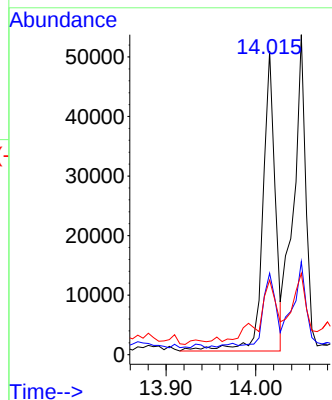
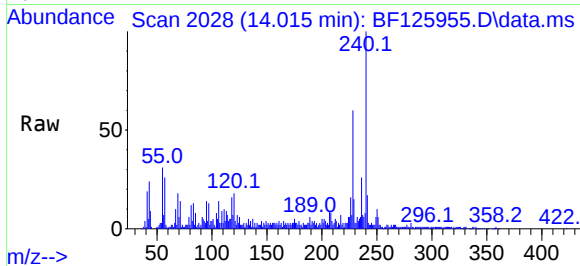
#81
Benzo(a)anthracene
Concen: 2.177 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF125955.D
Acq: 27 Oct 2021 2:30

Tgt Ion:228 Resp: 48256
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 24.5 15.6 23.4#

Instrument :
BNA_F
ClientSampleId :
OK-2-102521

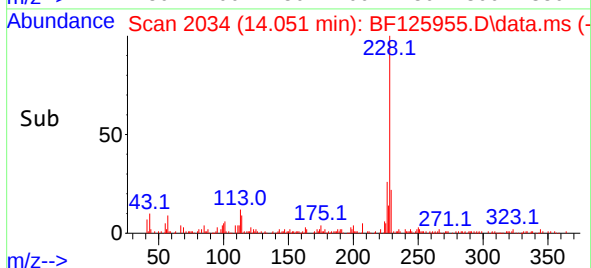
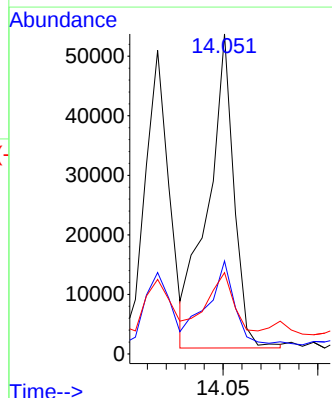
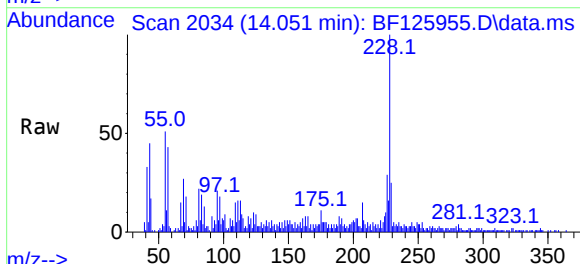
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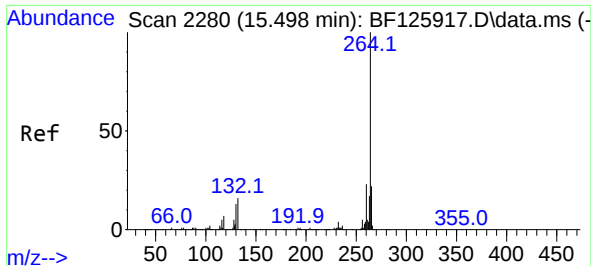
mohammad
10/27/2021 11:49:22 AM



#83
Chrysene
Concen: 2.239 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF125955.D
Acq: 27 Oct 2021 2:30

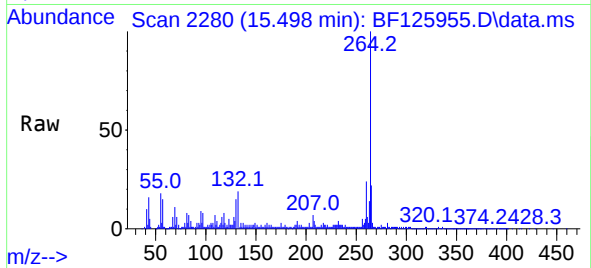
Tgt Ion:228 Resp: 50231
Ion Ratio Lower Upper
228 100
226 29.1 22.6 34.0
229 25.4 15.9 23.9#



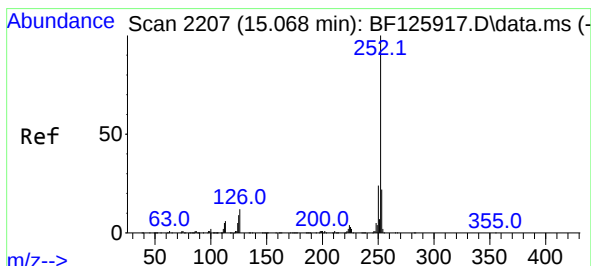
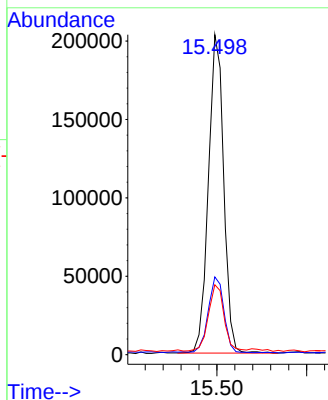
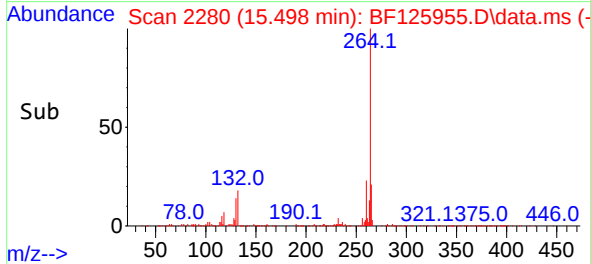


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF125955.D
Acq: 27 Oct 2021 2:30

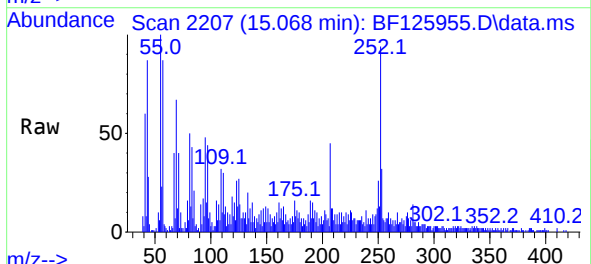
Instrument :
BNA_F
ClientSampled :
OK-2-102521



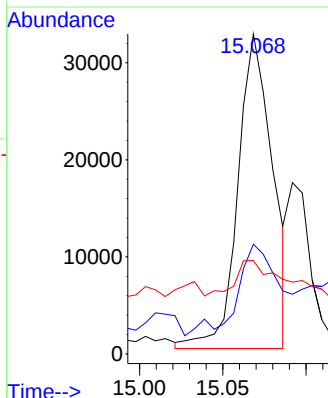
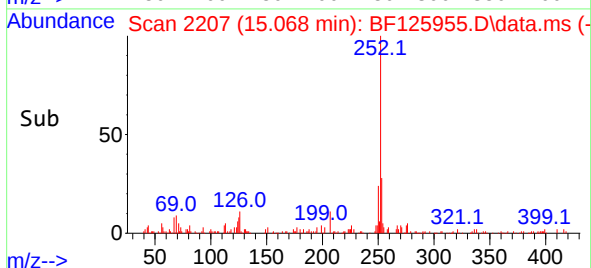
Tgt Ion:264 Resp: 240308
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 21.8 17.2 25.8

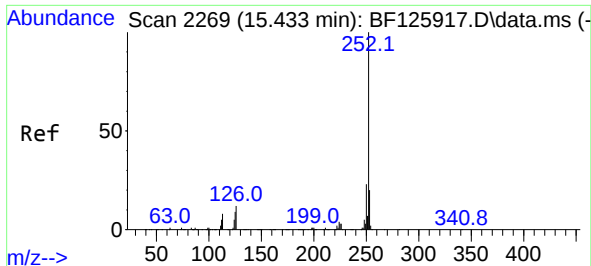


#88
Benzo(b)fluoranthene
Concen: 2.963 ng m
RT: 15.068 min Scan# 2207
Delta R.T. 0.000 min
Lab File: BF125955.D
Acq: 27 Oct 2021 2:30

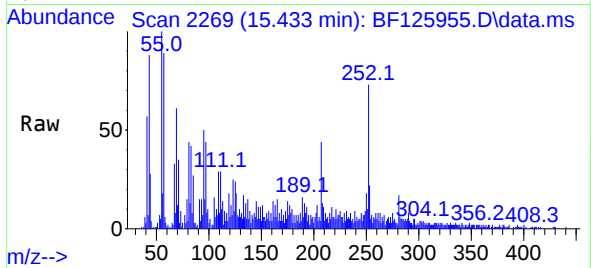


Tgt Ion:252 Resp: 46991
Ion Ratio Lower Upper
252 100
253 34.3 16.8 25.2#
125 29.2 9.8 14.8#

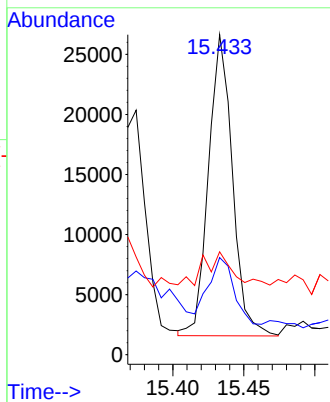
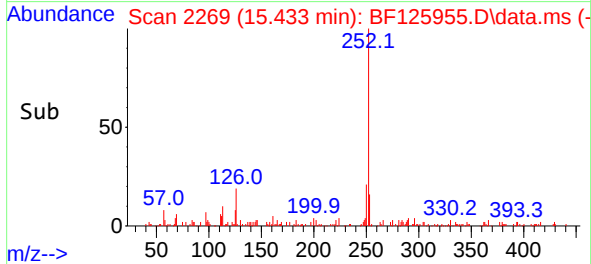




#90
Benzo(a)pyrene
Concen: 2.294 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF125955.D
Acq: 27 Oct 2021 2:30



Tgt Ion:252 Resp: 29370
Ion Ratio Lower Upper
252 100
253 30.3 18.4 27.6#
125 32.2 9.9 14.9#



Instrument :
BNA_F
ClientSampleId :
OK-2-102521

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