

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
 Data File : BF125975.D
 Acq On : 27 Oct 2021 21:26
 Operator : JU/CG
 Sample : M4356-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-221

Manual Integrations
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Quant Time: Oct 28 09:01:02 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	6.857	152	173380	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	713258	20.000	ng	#-0.02
39) Acenaphthene-d10	9.892	164	386606	20.000	ng	-0.02
64) Phenanthrene-d10	11.374	188	655439	20.000	ng	-0.02
76) Chrysene-d12	14.015	240	398112	20.000	ng	#-0.02
86) Perylene-d12	15.480	264	427488	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1179098	101.298	ng	-0.01
7) Phenol-d6	6.481	99	1492126	93.461	ng	-0.01
23) Nitrobenzene-d5	7.416	82	976725	70.734	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	325243	96.505	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	1615805	73.911	ng	-0.02
79) Terphenyl-d14	12.963	244	1449937	59.574	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	11.398	178	343307	10.094	ng	97
75) Fluoranthene	12.586	202	732654	21.369	ng	97
78) Pyrene	12.816	202	731587	19.747	ng	97
81) Benzo(a)anthracene	14.004	228	357716	13.350	ng	96
83) Chrysene	14.039	228	386702	14.264	ng	96
84) Bis(2-ethylhexyl)phtha...	14.004	149	147245	11.278	ng	100
87) Indeno(1,2,3-cd)pyrene	16.927	276	170875	5.548	ng	# 92
88) Benzo(b)fluoranthene	15.051	252	500952m	17.754	ng	
89) Benzo(k)fluoranthene	15.074	252	167899m	6.195	ng	
90) Benzo(a)pyrene	15.415	252	363259	15.947	ng	98
92) Benzo(g,h,i)perylene	17.362	276	151926	5.828	ng	91

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

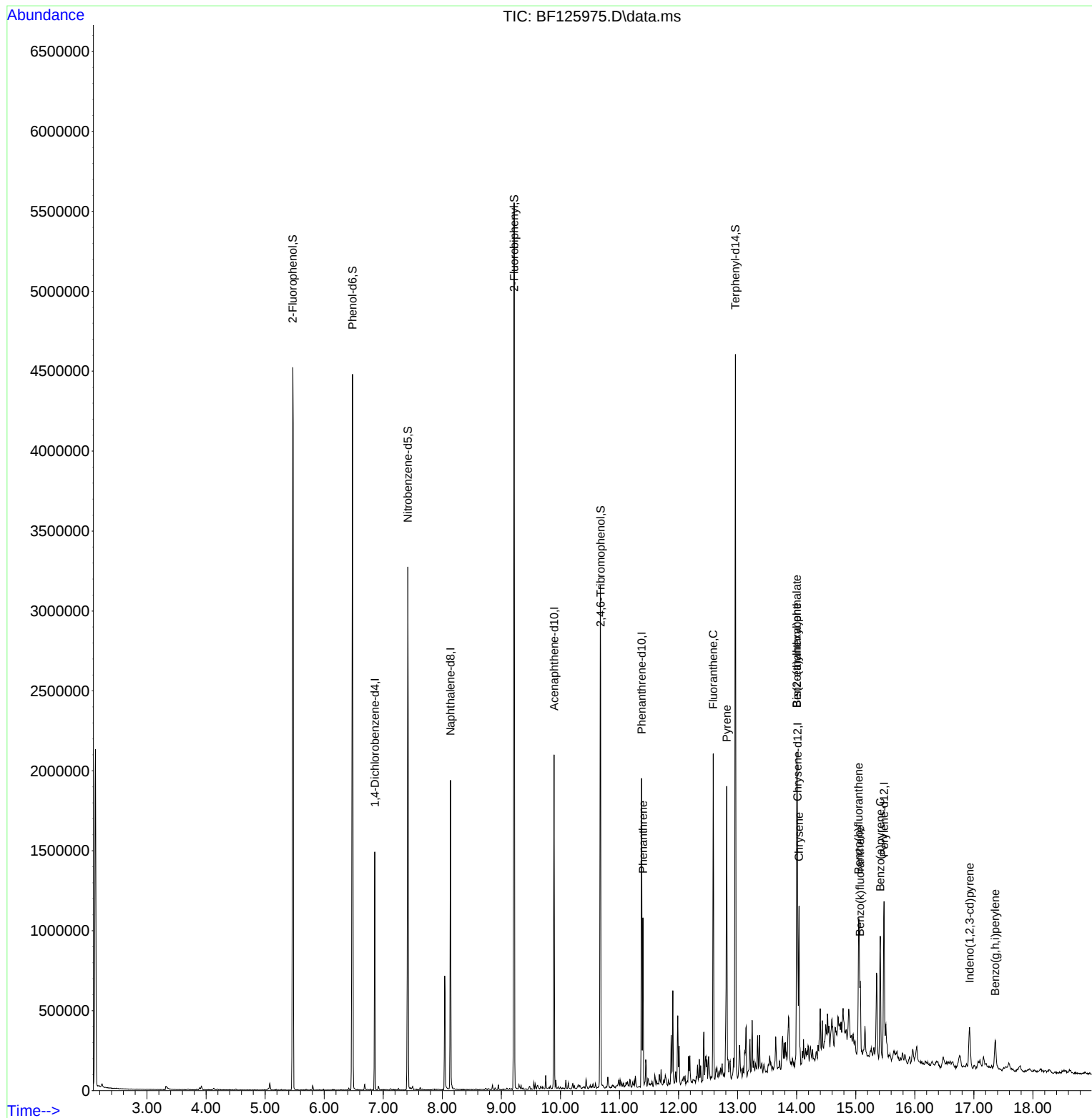
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125975.D
Acq On : 27 Oct 2021 21:26
Operator : JU/CG
Sample : M4356-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

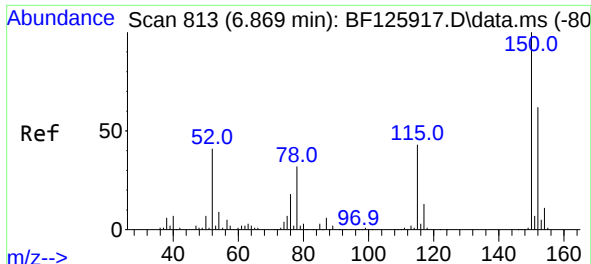
Instrument :
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ClientSampleId :
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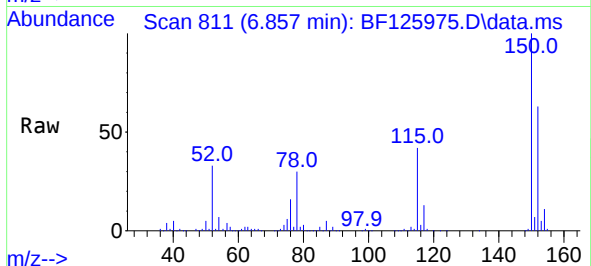
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Quant Time: Oct 28 09:01:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
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QLast Update : Mon Oct 25 18:49:16 2021
Response via : Initial Calibration

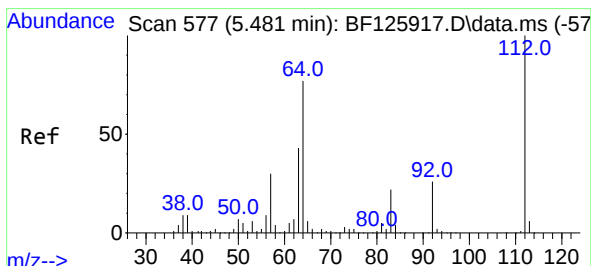
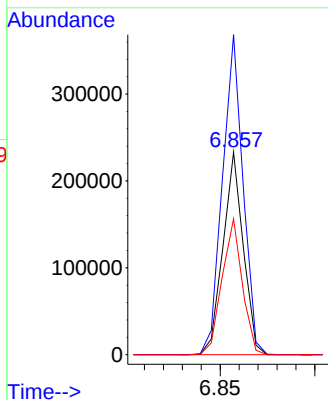
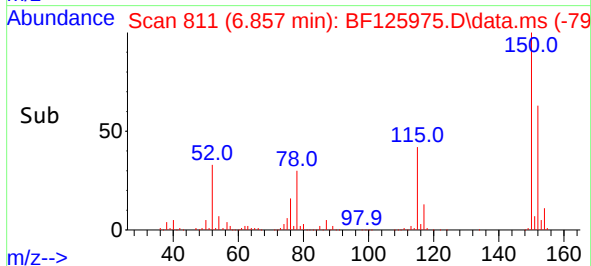




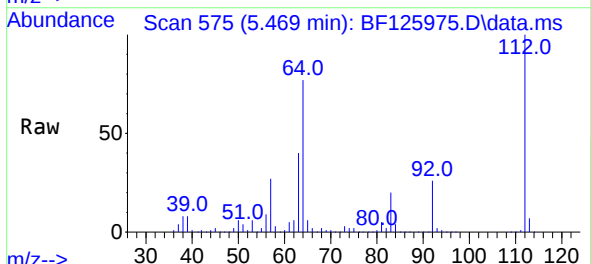
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF125975.D
Acq: 27 Oct 2021 21:26



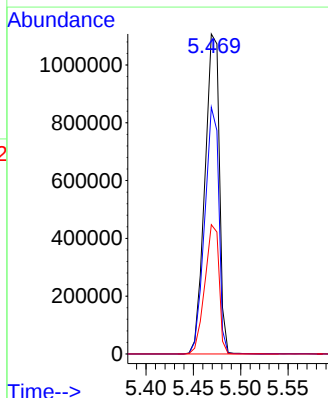
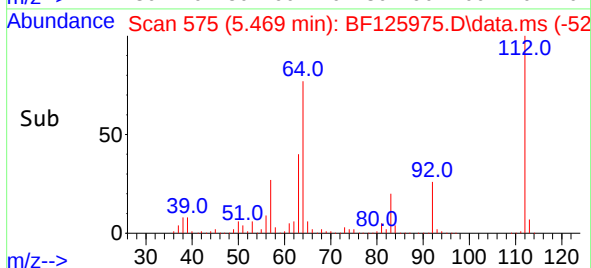
Tgt Ion:152 Resp: 173380
Ion Ratio Lower Upper
152 100
150 157.9 117.6 176.4
115 67.0 47.1 70.7



#5
2-Fluorophenol
Concen: 101.298 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.012 min
Lab File: BF125975.D
Acq: 27 Oct 2021 21:26



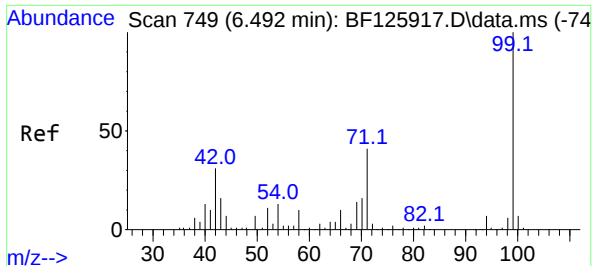
Tgt Ion:112 Resp: 1179098
Ion Ratio Lower Upper
112 100
64 77.1 44.2 66.2#
63 40.4 26.2 39.2#



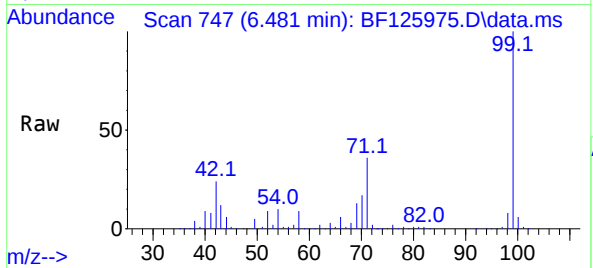
Instrument :
BNA_F
ClientSampleId :
VNJ-221

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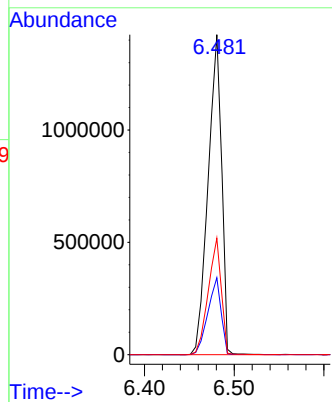
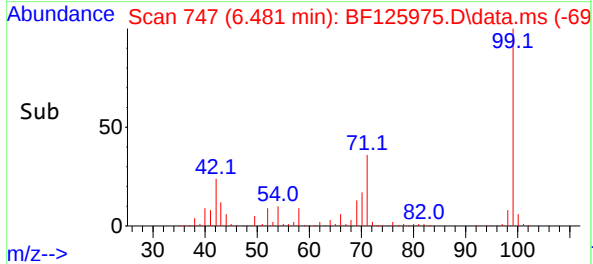


#7
Phenol-d6
Concen: 93.461 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF125975.D
Acq: 27 Oct 2021 21:26



Tgt Ion: 99 Resp: 1492126

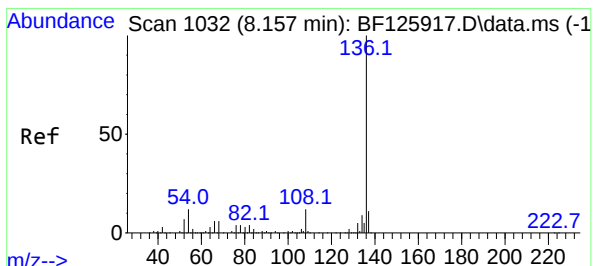
Ion	Ratio	Lower	Upper
99	100		
42	24.1	23.5	35.3
71	36.4	25.6	38.4



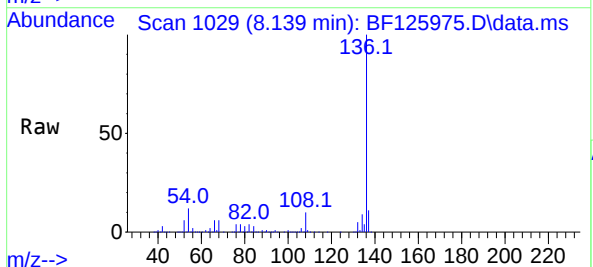
Instrument :
BNA_F
ClientSampleId :
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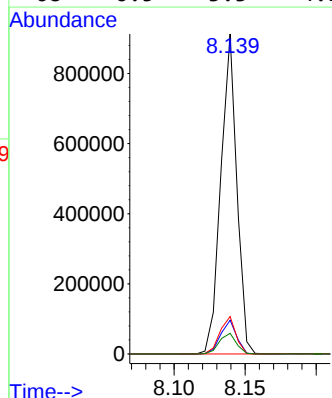
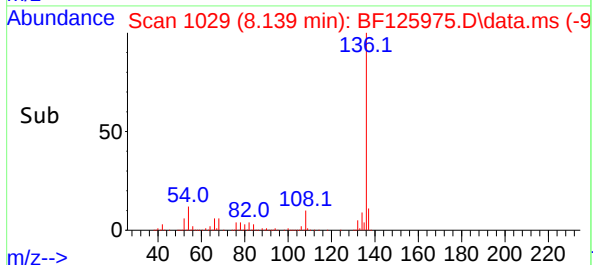


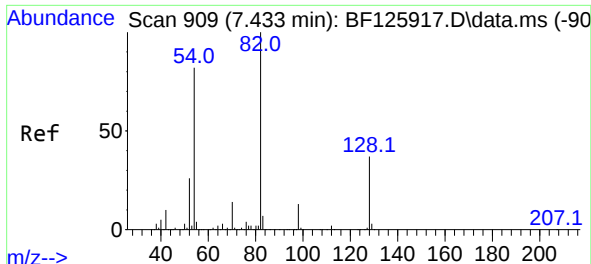
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF125975.D
Acq: 27 Oct 2021 21:26



Tgt Ion: 136 Resp: 713258

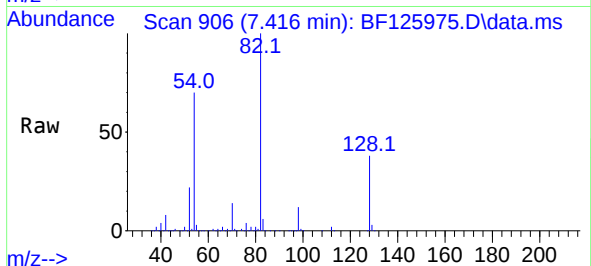
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.6
54	11.7	6.4	9.6#
68	6.5	3.3	4.9#





#23
Nitrobenzene-d5
Concen: 70.734 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.018 min
Lab File: BF125975.D
Acq: 27 Oct 2021 21:26

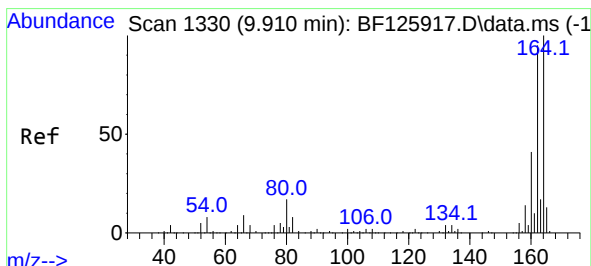
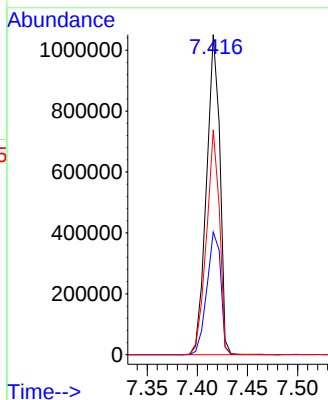
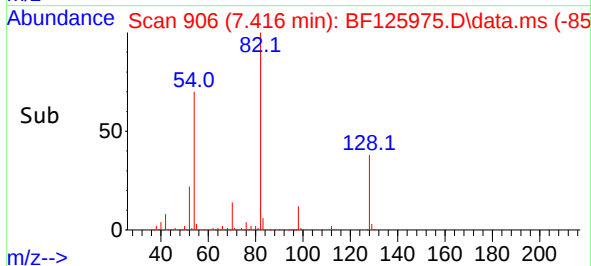
Instrument :
BNA_F
ClientSampleId :
VNJ-221



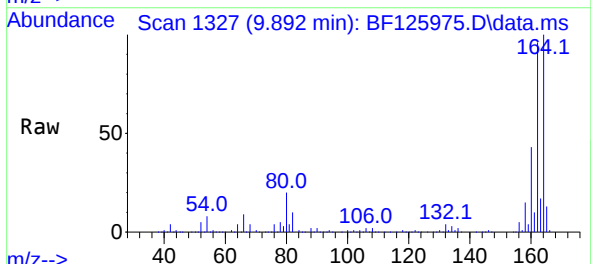
Tgt Ion: 82 Resp: 976725
Ion Ratio Lower Upper
82 100
128 38.4 40.6 60.8#
54 70.3 49.6 74.4

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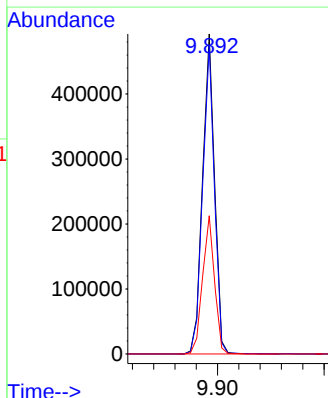
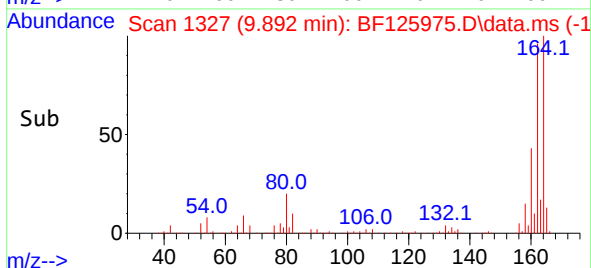
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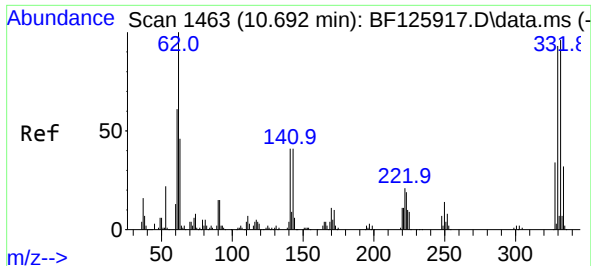


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF125975.D
Acq: 27 Oct 2021 21:26



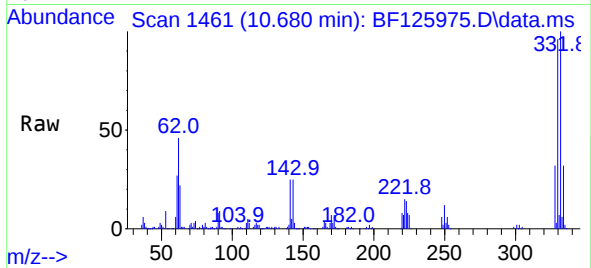
Tgt Ion: 164 Resp: 386606
Ion Ratio Lower Upper
164 100
162 96.3 81.3 121.9
160 43.2 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 96.505 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF125975.D
Acq: 27 Oct 2021 21:26

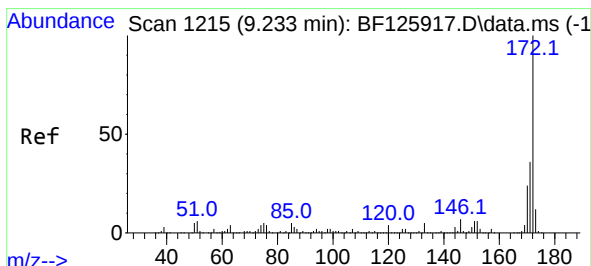
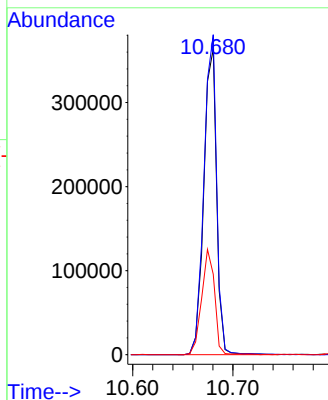
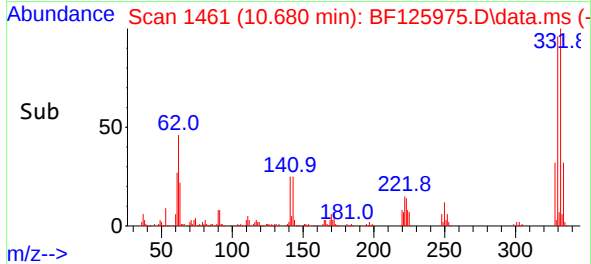
Instrument :
BNA_F
ClientSampled :
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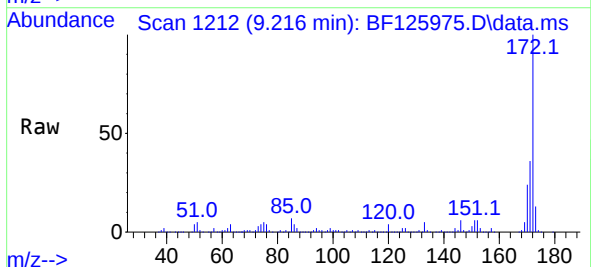
Tgt Ion:330 Resp: 325243
Ion Ratio Lower Upper
330 100
332 104.1 76.2 114.4
141 34.6 44.6 66.8#

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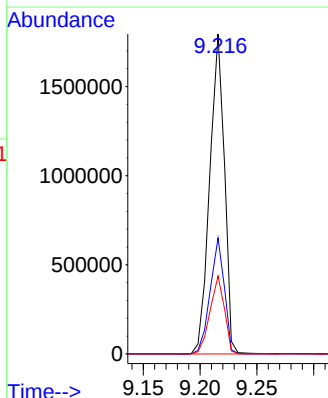
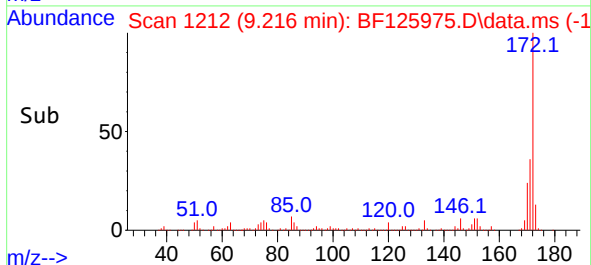
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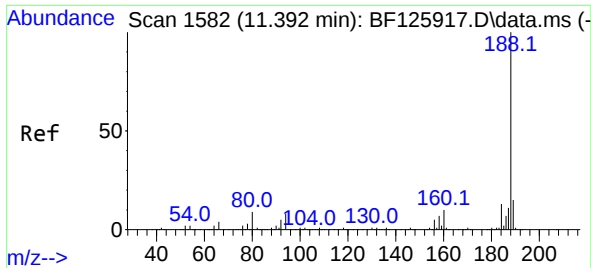


#45
2-Fluorobiphenyl
Concen: 73.911 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.018 min
Lab File: BF125975.D
Acq: 27 Oct 2021 21:26



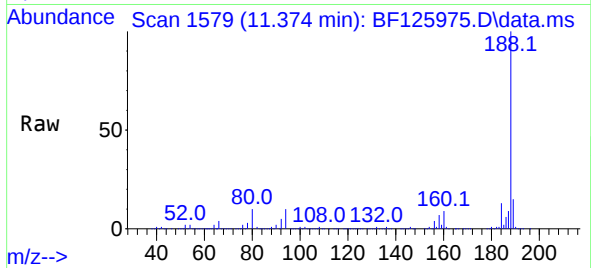
Tgt Ion:172 Resp: 1615805
Ion Ratio Lower Upper
172 100
171 36.3 26.5 39.7
170 24.4 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.018 min
Lab File: BF125975.D
Acq: 27 Oct 2021 21:26

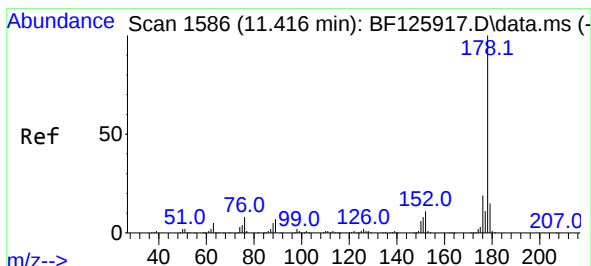
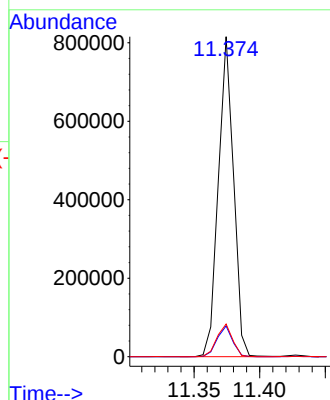
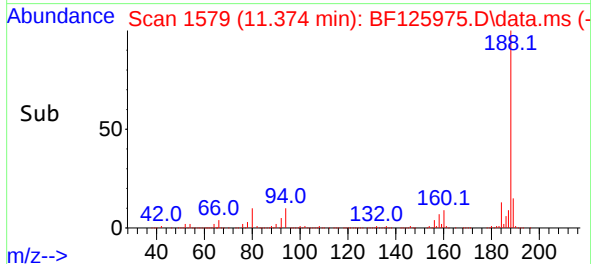
Instrument :
BNA_F
ClientSampled :
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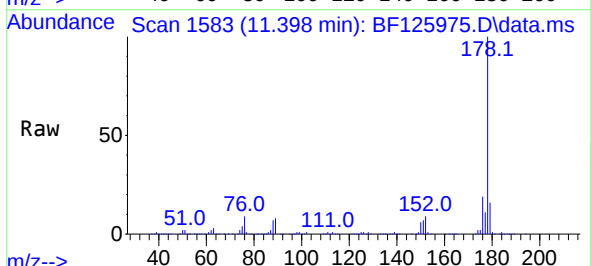
Tgt Ion:188 Resp: 655439
Ion Ratio Lower Upper
188 100
94 9.6 6.7 10.1
80 10.2 7.5 11.3

Manual Integrations
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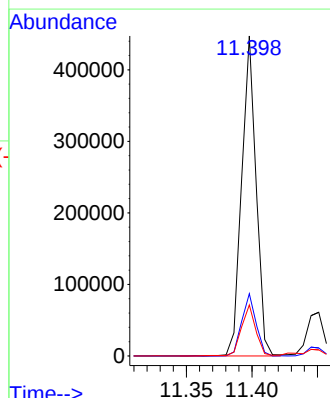
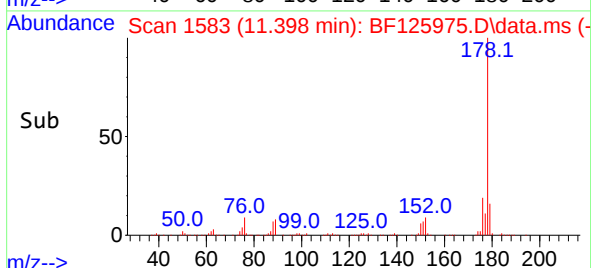
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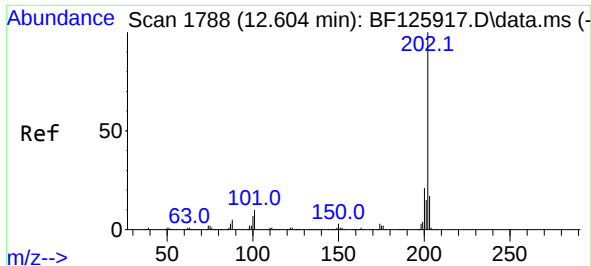


#71
Phenanthrene
Concen: 10.094 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.018 min
Lab File: BF125975.D
Acq: 27 Oct 2021 21:26



Tgt Ion:178 Resp: 343307
Ion Ratio Lower Upper
178 100
176 19.4 14.7 22.1
179 16.0 11.5 17.3





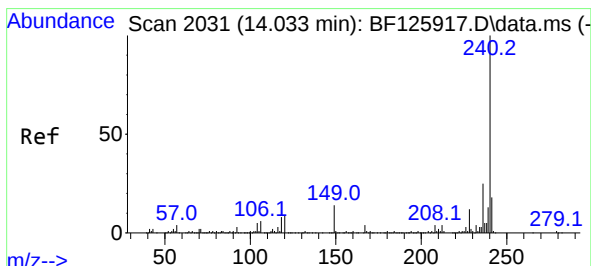
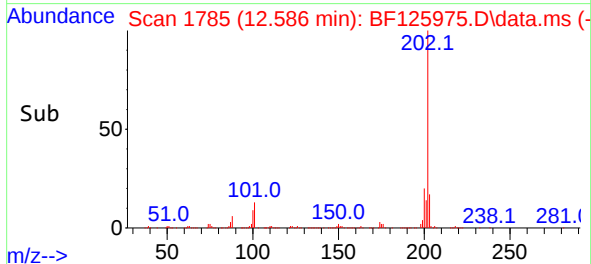
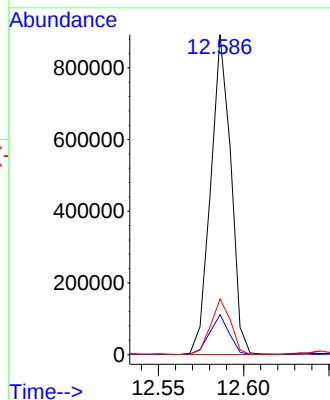
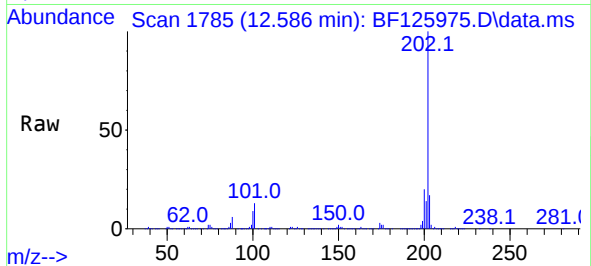
#75
Fluoranthene
Concen: 21.369 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.018 min
Lab File: BF125975.D
Acq: 27 Oct 2021 21:26

Tgt Ion:202 Resp: 732654
Ion Ratio Lower Upper
202 100
101 12.5 0.0 30.7
203 17.4 0.0 36.3

Instrument :
BNA_F
ClientSampleId :
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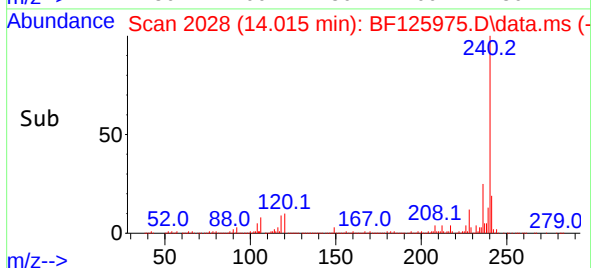
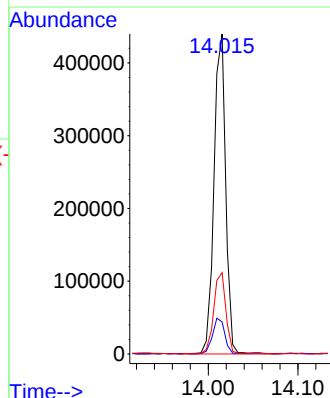
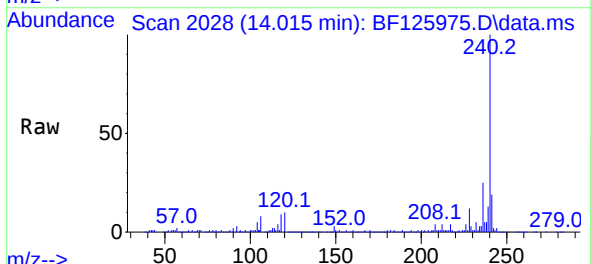
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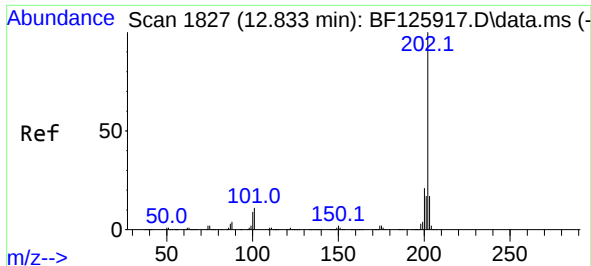
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.018 min
Lab File: BF125975.D
Acq: 27 Oct 2021 21:26

Tgt Ion:240 Resp: 398112
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 25.4 21.6 32.4





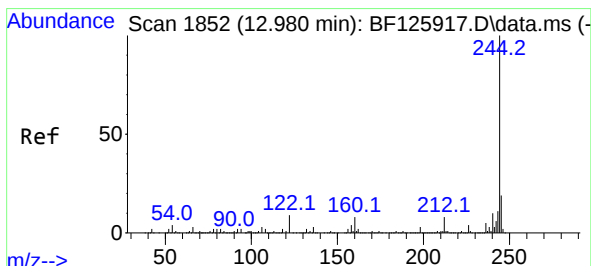
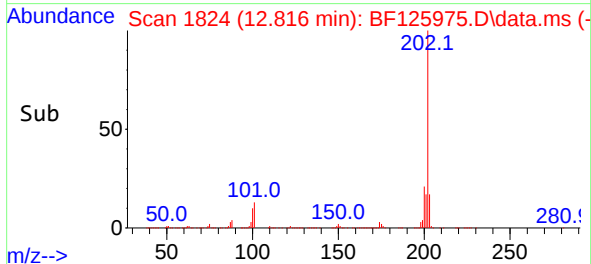
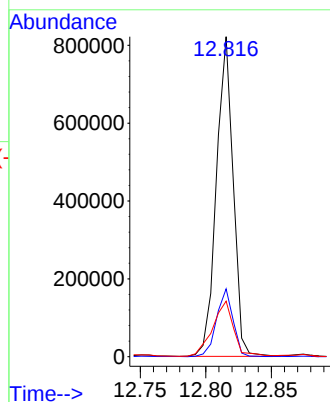
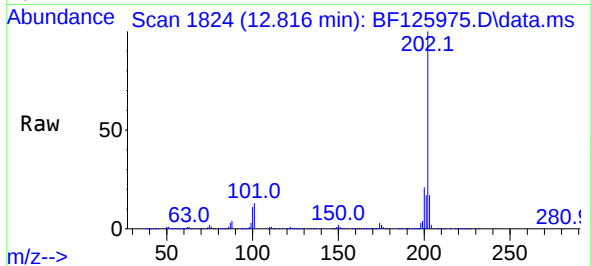
#78
Pyrene
Concen: 19.747 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.018 min
Lab File: BF125975.D
Acq: 27 Oct 2021 21:26

Tgt Ion:	202	Resp:	731587
Ion Ratio	Lower	Upper	
202	100		
200	21.2	15.3	22.9
203	17.3	13.4	20.0

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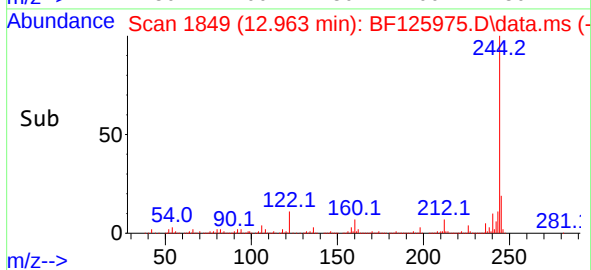
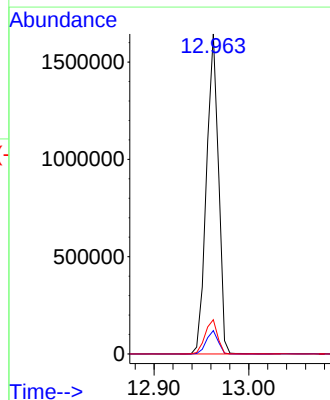
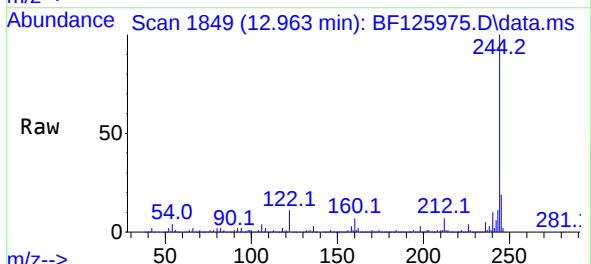
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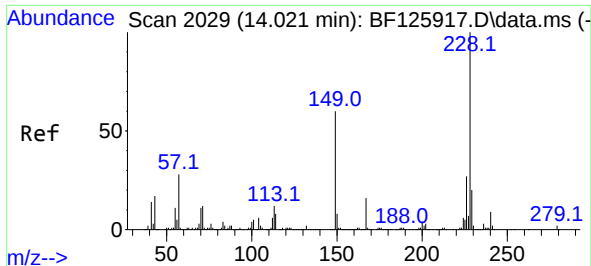
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#79
Terphenyl-d14
Concen: 59.574 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.018 min
Lab File: BF125975.D
Acq: 27 Oct 2021 21:26

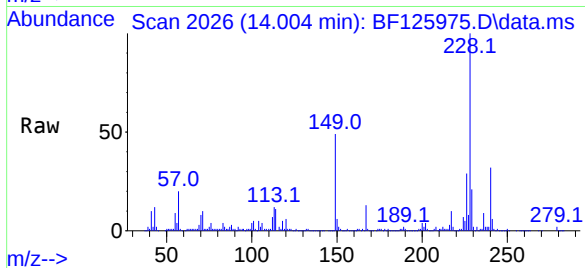
Tgt Ion:	244	Resp:	1449937
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.9	8.9
122	10.7	9.0	13.4





#81
Benzo(a)anthracene
Concen: 13.350 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.018 min
Lab File: BF125975.D
Acq: 27 Oct 2021 21:26

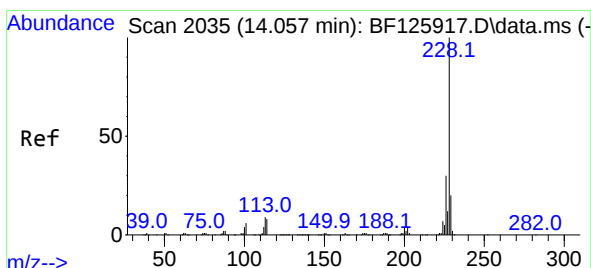
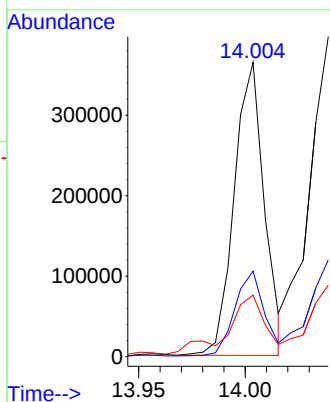
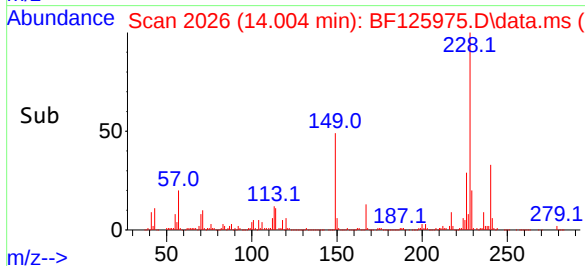
Instrument :
BNA_F
ClientSampled :
VNJ-221



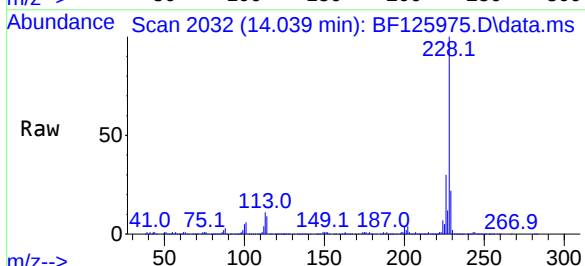
Tgt Ion:228 Resp: 357716
Ion Ratio Lower Upper
228 100
226 29.1 21.6 32.4
229 20.9 15.6 23.4

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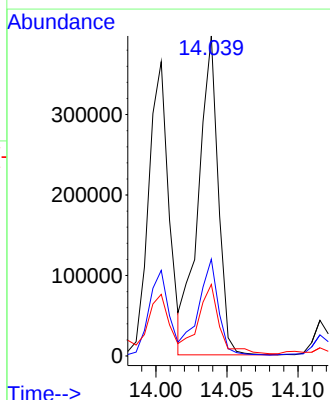
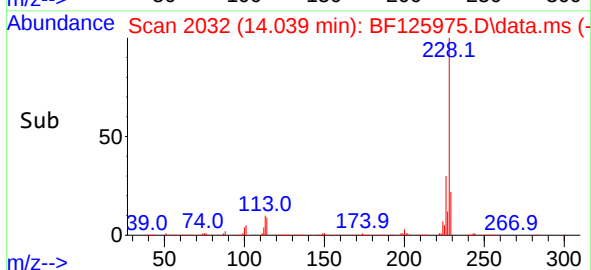
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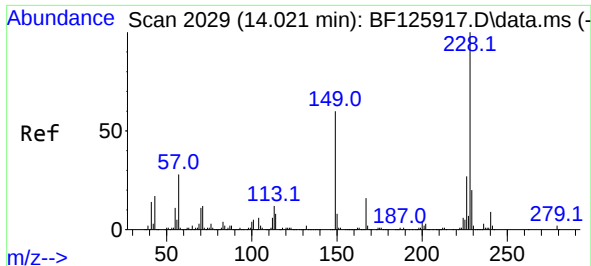


#83
Chrysene
Concen: 14.264 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.018 min
Lab File: BF125975.D
Acq: 27 Oct 2021 21:26



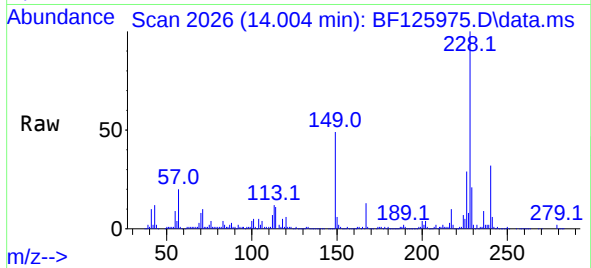
Tgt Ion:228 Resp: 386702
Ion Ratio Lower Upper
228 100
226 30.3 22.6 34.0
229 22.4 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 11.278 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.018 min
Lab File: BF125975.D
Acq: 27 Oct 2021 21:26

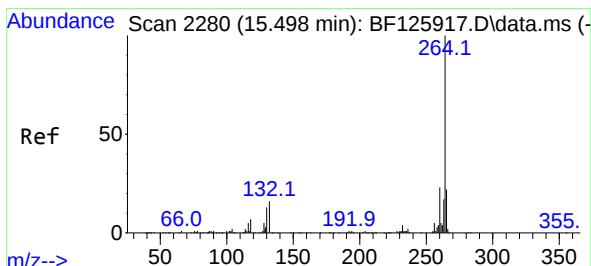
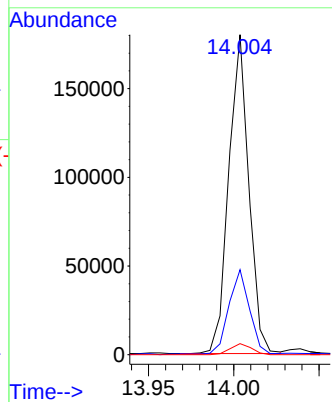
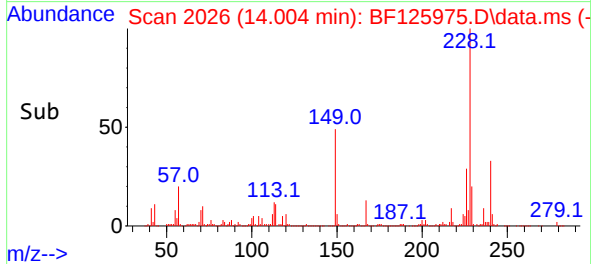
Instrument :
BNA_F
ClientSampled :
VNJ-221



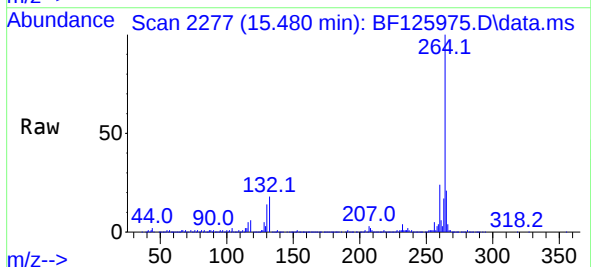
Tgt Ion:149 Resp: 147245
Ion Ratio Lower Upper
149 100
167 26.6 21.4 32.0
279 3.5 2.6 4.0

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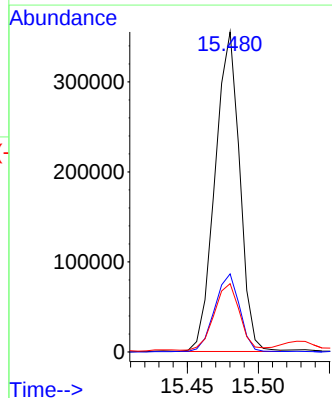
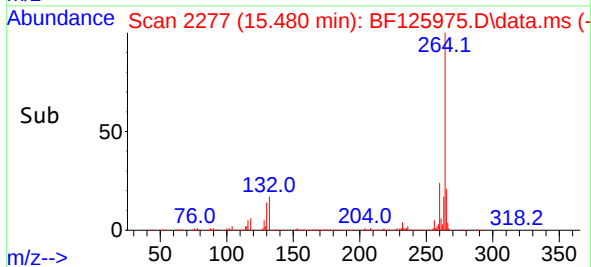
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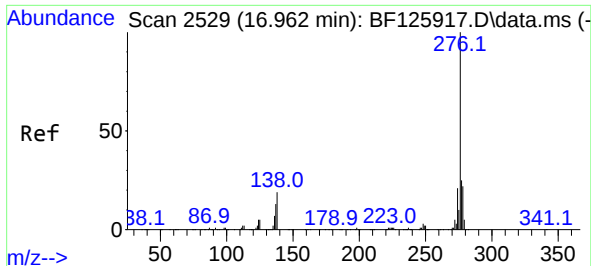


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.018 min
Lab File: BF125975.D
Acq: 27 Oct 2021 21:26

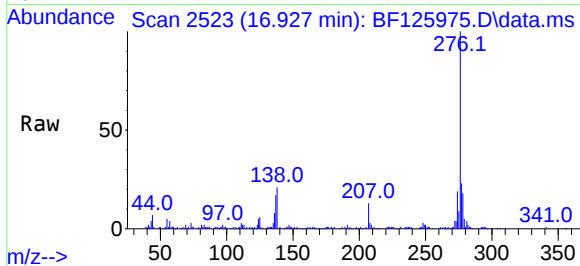


Tgt Ion:264 Resp: 427488
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 21.4 17.2 25.8

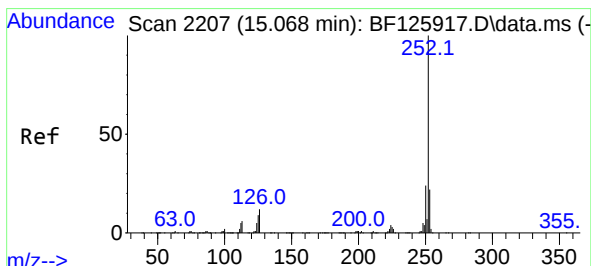
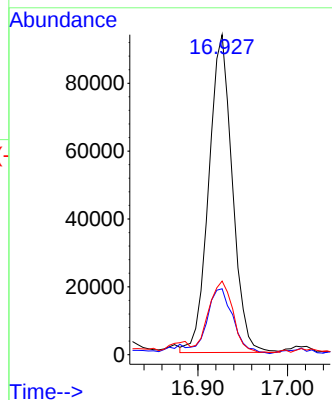
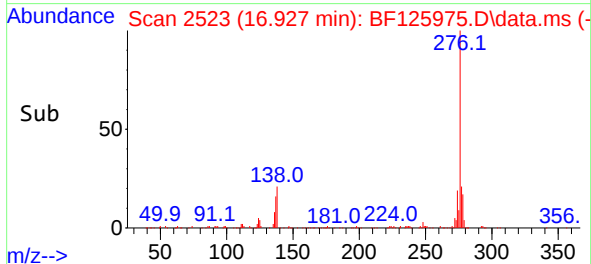




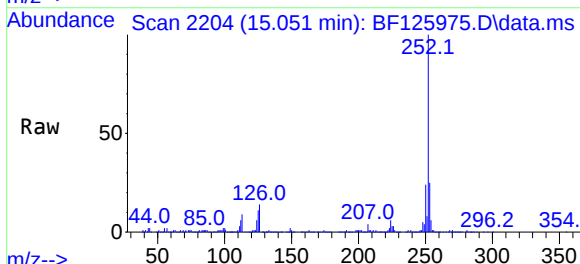
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.548 ng
RT: 16.927 min Scan# 2523
Delta R.T. -0.035 min
Lab File: BF125975.D
Acq: 27 Oct 2021 21:26



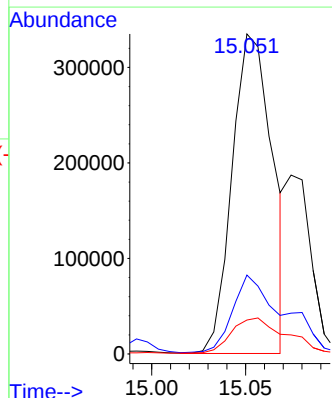
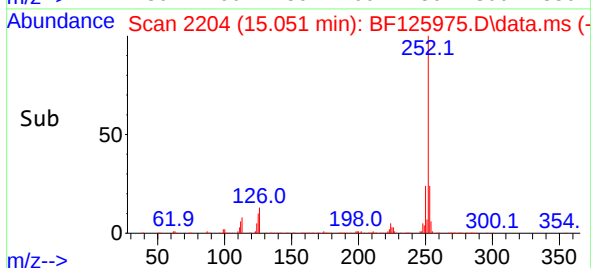
Tgt Ion: 276 Resp: 170875
Ion Ratio Lower Upper
276 100
138 22.6 24.1 36.1#
277 23.5 18.8 28.2



#88
Benzo(b)fluoranthene
Concen: 17.754 ng m
RT: 15.051 min Scan# 2204
Delta R.T. -0.018 min
Lab File: BF125975.D
Acq: 27 Oct 2021 21:26



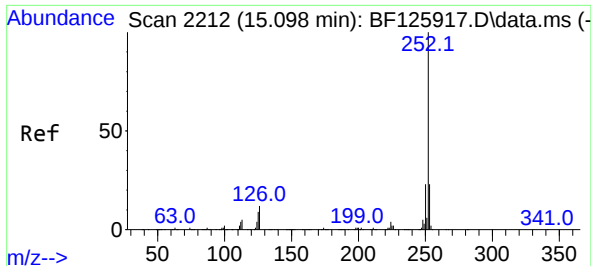
Tgt Ion: 252 Resp: 500952
Ion Ratio Lower Upper
252 100
253 24.6 16.8 25.2
125 10.6 9.8 14.8



Instrument :
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ClientSampleId :
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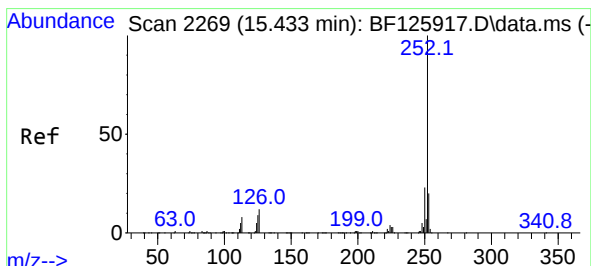
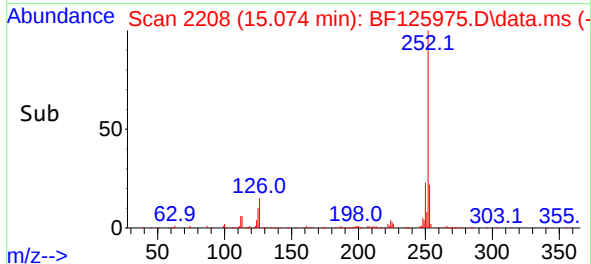
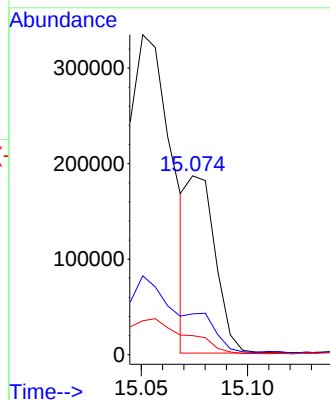
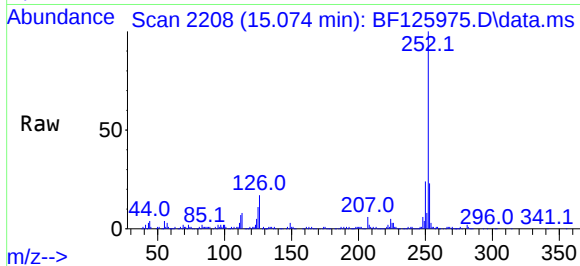
#89
Benzo(k)fluoranthene
Concen: 6.195 ng m
RT: 15.074 min Scan# 2208
Delta R.T. -0.023 min
Lab File: BF125975.D
Acq: 27 Oct 2021 21:26

Tgt Ion:252 Resp: 167899
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 10.7 7.2 10.8

Instrument :
BNA_F
ClientSampleId :
VNJ-221

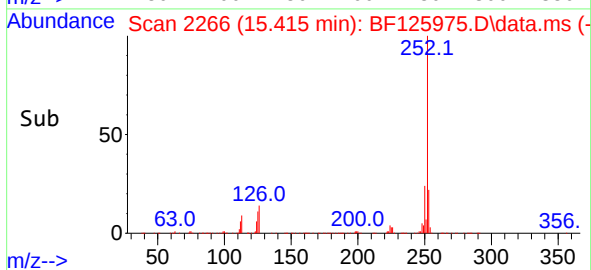
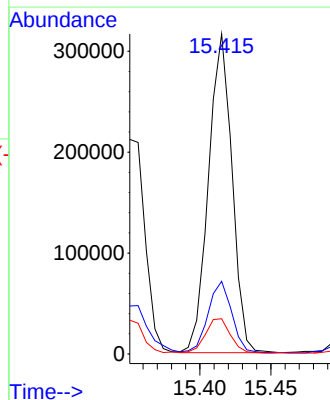
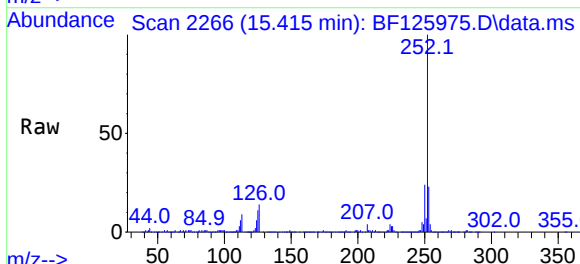
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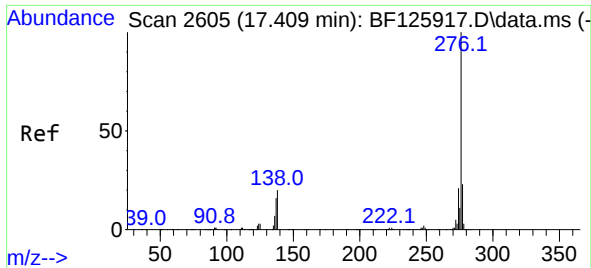
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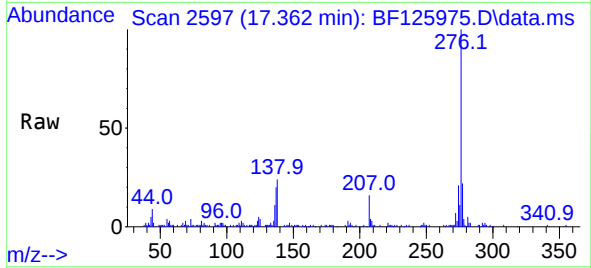
#90
Benzo(a)pyrene
Concen: 15.947 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF125975.D
Acq: 27 Oct 2021 21:26

Tgt Ion:252 Resp: 363259
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 11.0 9.9 14.9

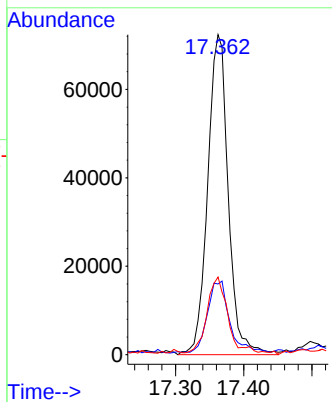
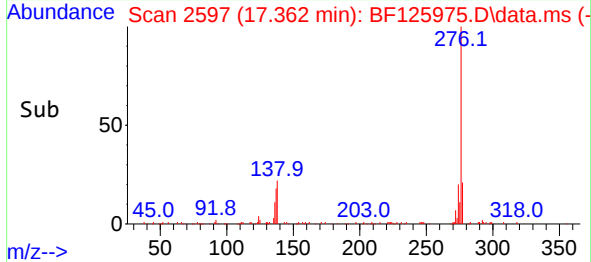




#92
 Benzo(g,h,i)perylene
 Concen: 5.828 ng
 RT: 17.362 min Scan# 2597
 Delta R.T. -0.047 min
 Lab File: BF125975.D
 Acq: 27 Oct 2021 21:26



Tgt Ion:	276	Resp:	151926
Ion Ratio	Lower	Upper	
276	100		
277	22.1	22.0	33.0
138	24.3	22.2	33.4



Instrument :
 BNA_F
 ClientSampleId :
 VNJ-221

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