

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
 Data File : BF125965.D
 Acq On : 27 Oct 2021 16:02
 Operator : JU/CG
 Sample : M4330-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JET-GROUT-SPOILS

Manual Integrations
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Quant Time: Oct 28 08:58:36 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	178881	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	719021	20.000	ng	#-0.02
39) Acenaphthene-d10	9.892	164	412036	20.000	ng	-0.02
64) Phenanthrene-d10	11.374	188	768600	20.000	ng	-0.02
76) Chrysene-d12	14.010	240	533120	20.000	ng	-0.02
86) Perylene-d12	15.474	264	448758	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1470026	122.408	ng	0.00
7) Phenol-d6	6.487	99	1689099	102.546	ng	0.00
23) Nitrobenzene-d5	7.416	82	1364753	98.042	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	549116	152.876	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	2164333	92.892	ng	-0.02
79) Terphenyl-d14	12.969	244	2446327	75.059	ng	-0.01
Target Compounds						
32) Benzoic acid	7.845	122	47330m	9.893	ng	Qvalue

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

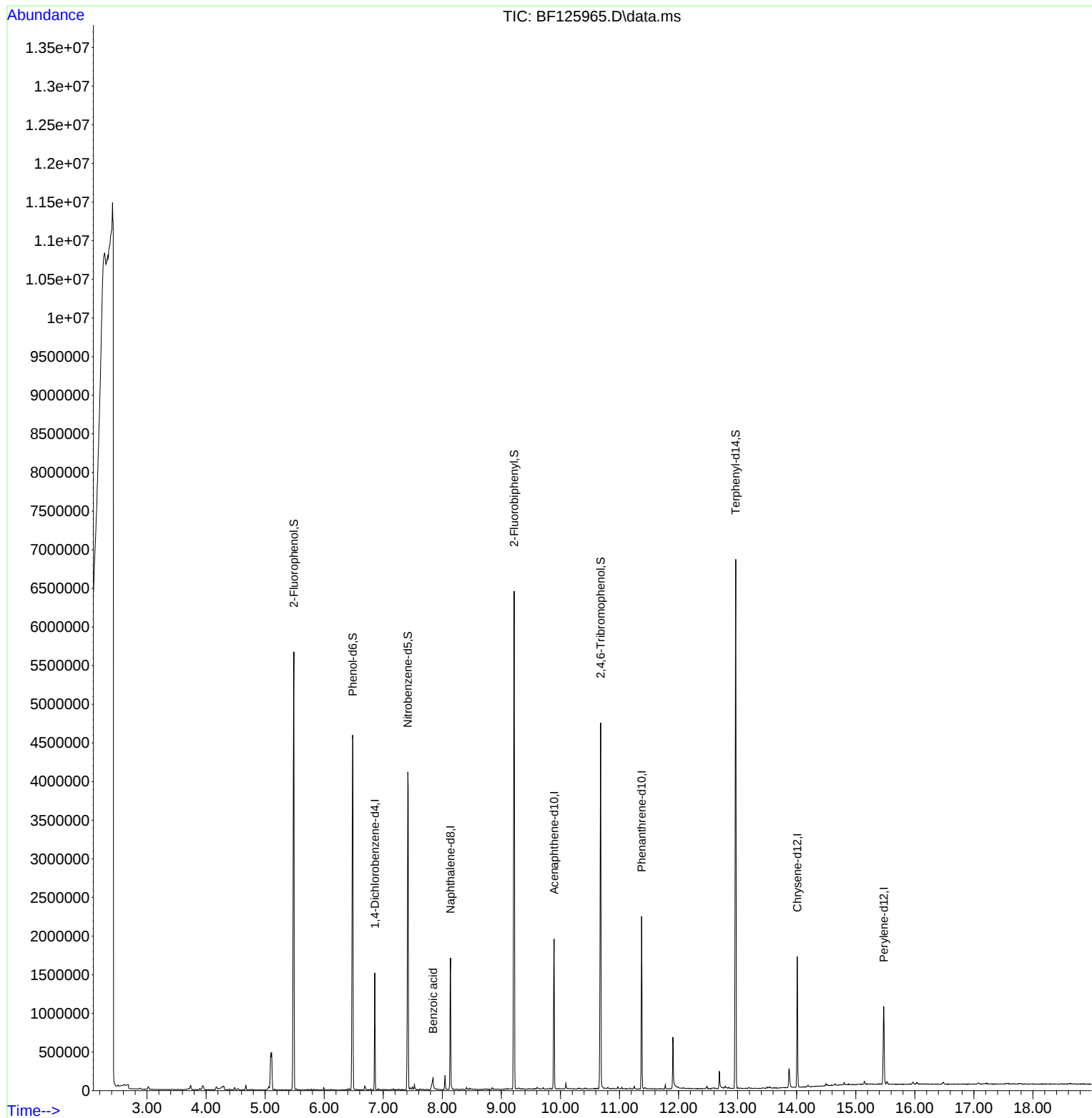
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Data File : BF125965.D
Acq On : 27 Oct 2021 16:02
Operator : JU/CG
Sample : M4330-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

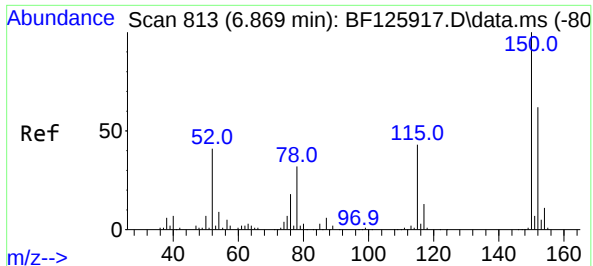
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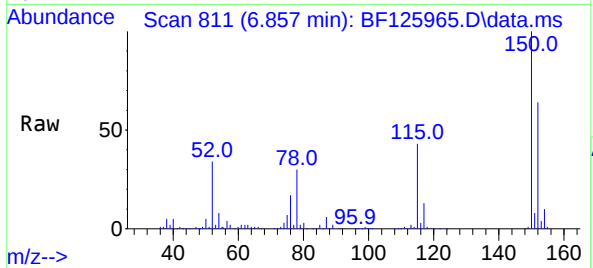
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Quant Time: Oct 28 08:58:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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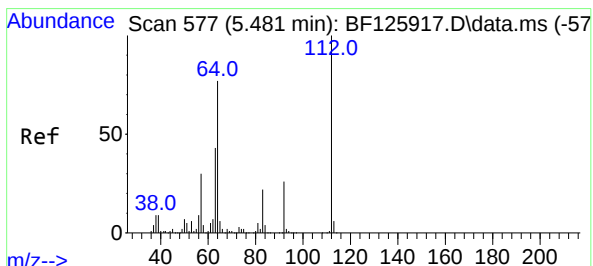
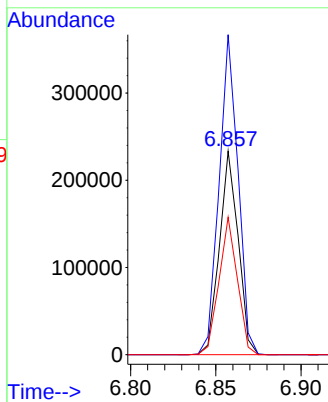
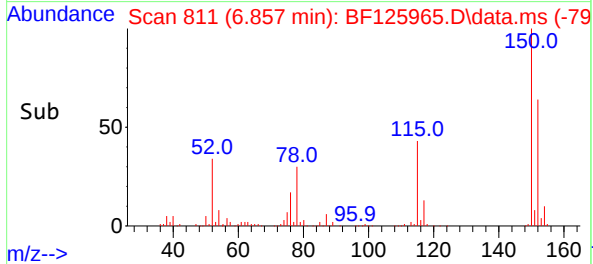




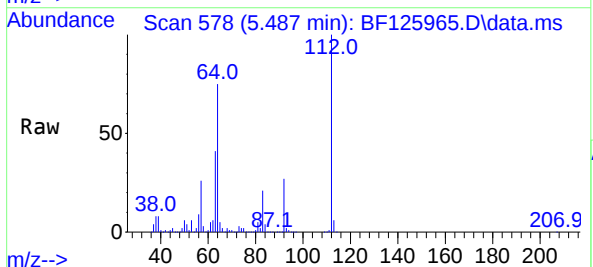
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF125965.D
Acq: 27 Oct 2021 16:02



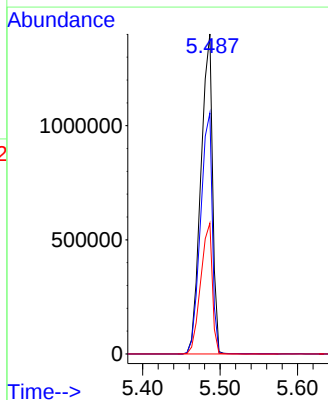
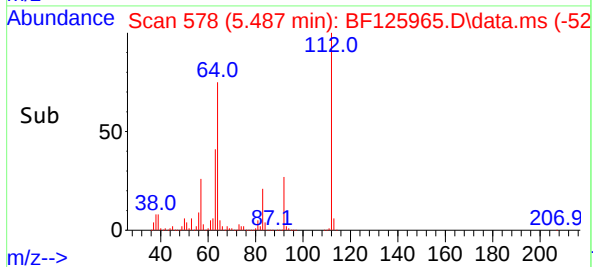
Tgt Ion:152 Resp: 178881
Ion Ratio Lower Upper
152 100
150 157.2 117.6 176.4
115 67.6 47.1 70.7



#5
2-Fluorophenol
Concen: 122.408 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF125965.D
Acq: 27 Oct 2021 16:02



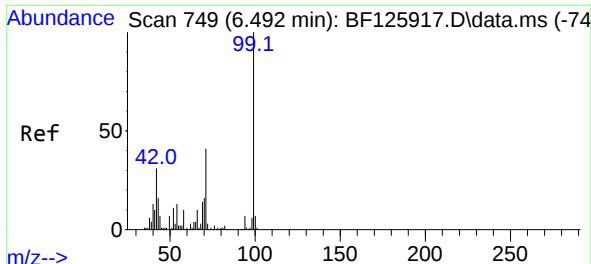
Tgt Ion:112 Resp: 1470026
Ion Ratio Lower Upper
112 100
64 75.3 44.2 66.2#
63 40.9 26.2 39.2#



Instrument :
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#7
Phenol-d6
Concen: 102.546 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF125965.D
Acq: 27 Oct 2021 16:02

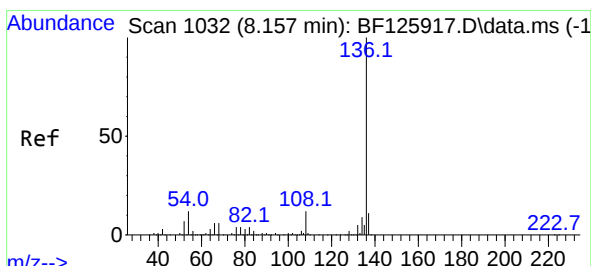
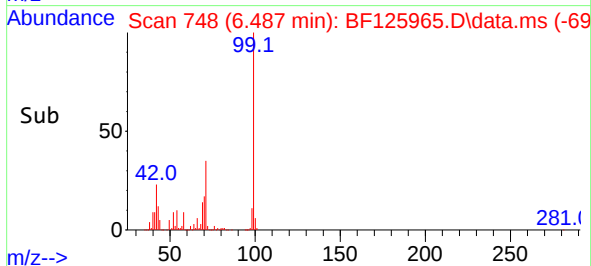
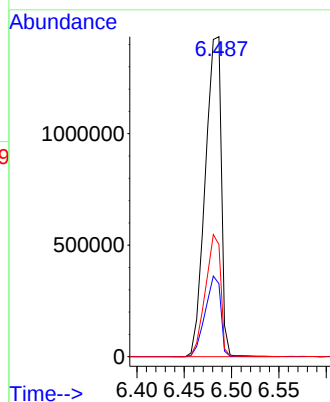
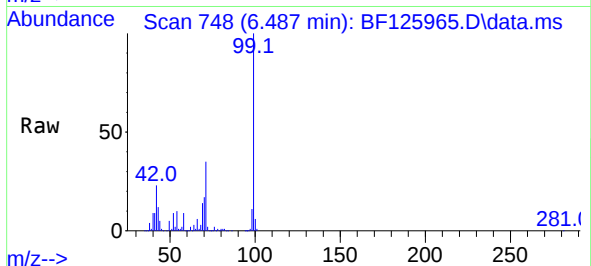
Tgt Ion: 99 Resp: 1689099

Ion	Ratio	Lower	Upper
99	100		
42	22.8	23.5	35.3#
71	35.1	25.6	38.4

Instrument :
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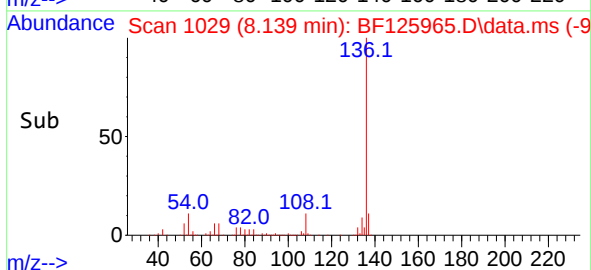
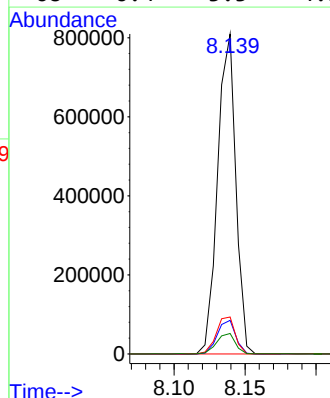
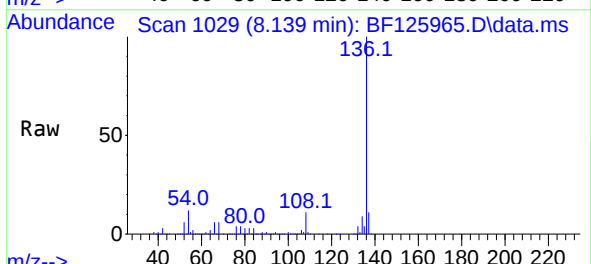
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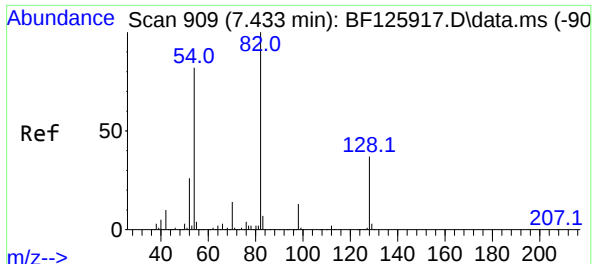


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF125965.D
Acq: 27 Oct 2021 16:02

Tgt Ion: 136 Resp: 719021

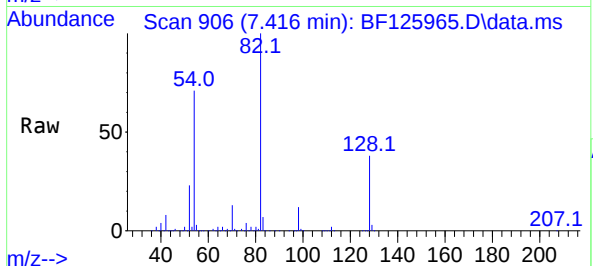
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.6
54	11.6	6.4	9.6#
68	6.4	3.3	4.9#





#23
Nitrobenzene-d5
Concen: 98.042 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.018 min
Lab File: BF125965.D
Acq: 27 Oct 2021 16:02

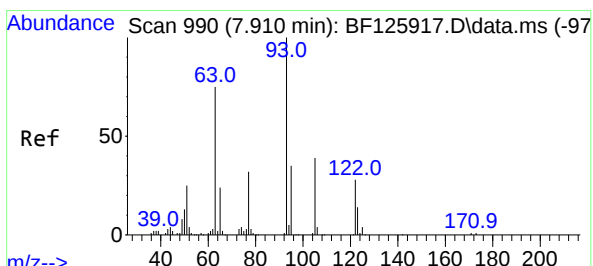
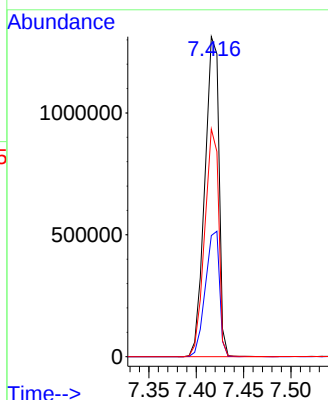
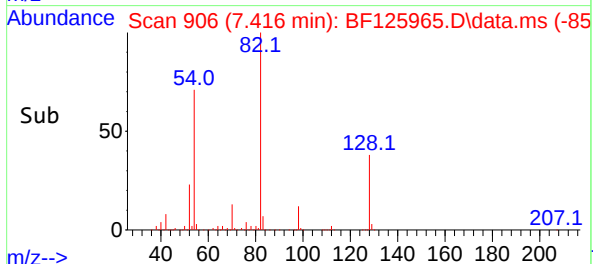
Instrument :
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ClientSampleId :
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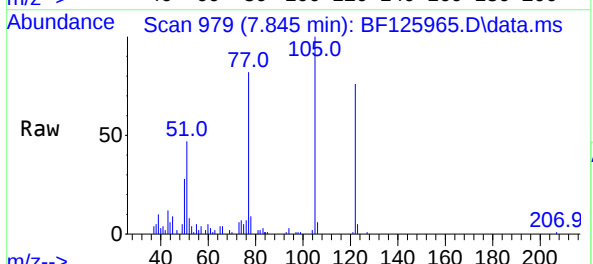
Tgt Ion: 82 Resp: 1364753
Ion Ratio Lower Upper
82 100
128 37.8 40.6 60.8#
54 71.2 49.6 74.4

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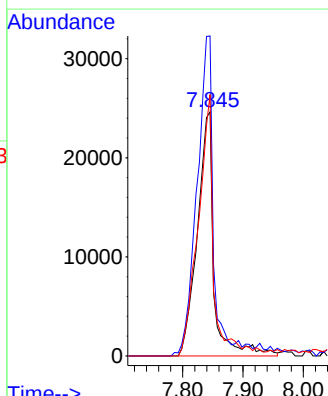
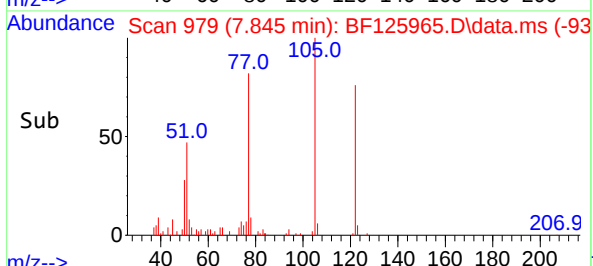
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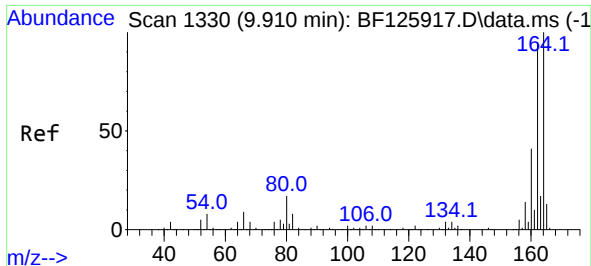


#32
Benzoic acid
Concen: 9.893 ng m
RT: 7.845 min Scan# 979
Delta R.T. -0.065 min
Lab File: BF125965.D
Acq: 27 Oct 2021 16:02



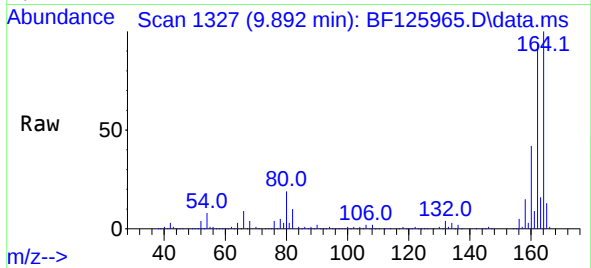
Tgt Ion: 122 Resp: 47330
Ion Ratio Lower Upper
122 100
105 131.2 97.6 137.6
77 107.1 59.6 99.6#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF125965.D
Acq: 27 Oct 2021 16:02

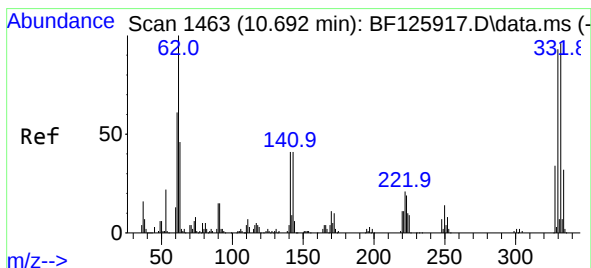
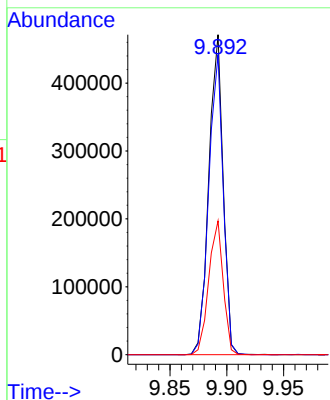
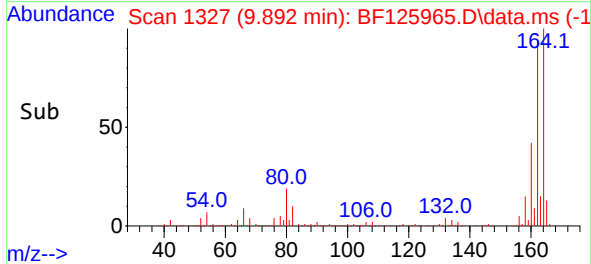
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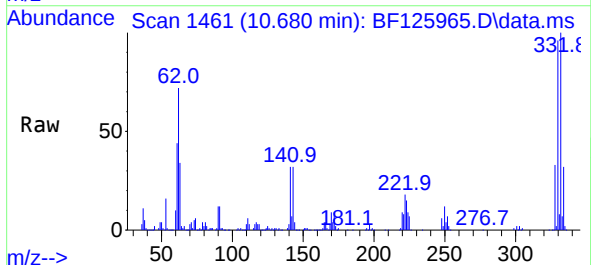
Tgt Ion:164 Resp: 412036
Ion Ratio Lower Upper
164 100
162 93.8 81.3 121.9
160 41.8 38.0 57.0

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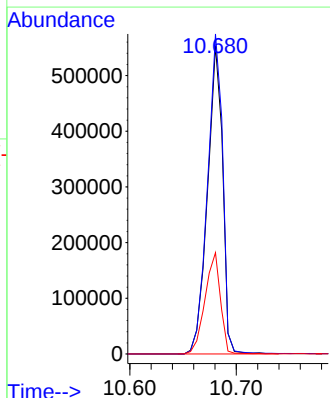
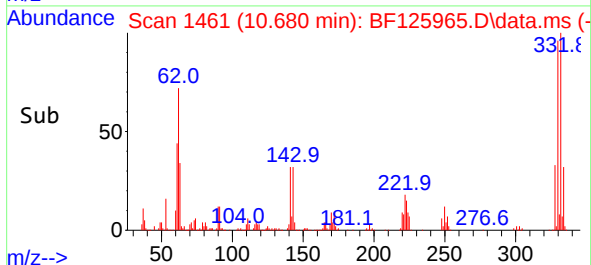
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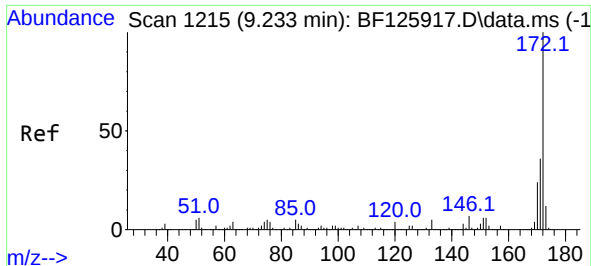


#42
2,4,6-Tribromophenol
Concen: 152.876 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF125965.D
Acq: 27 Oct 2021 16:02



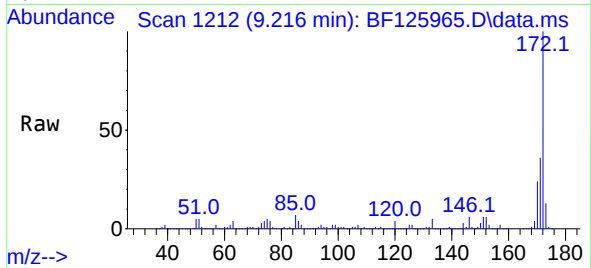
Tgt Ion:330 Resp: 549116
Ion Ratio Lower Upper
330 100
332 104.7 76.2 114.4
141 33.6 44.6 66.8#





#45
2-Fluorobiphenyl
Concen: 92.892 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.018 min
Lab File: BF125965.D
Acq: 27 Oct 2021 16:02

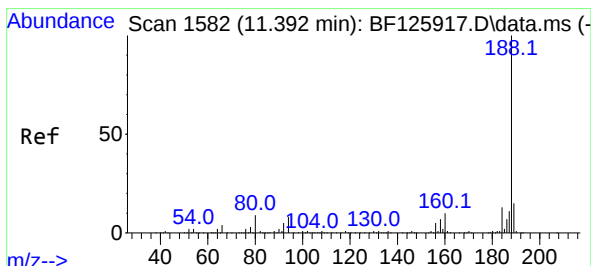
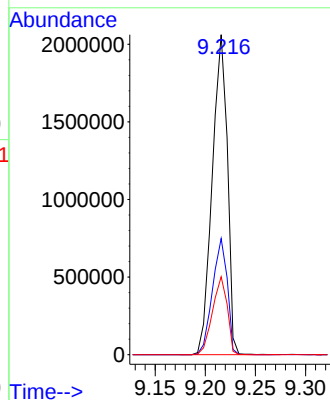
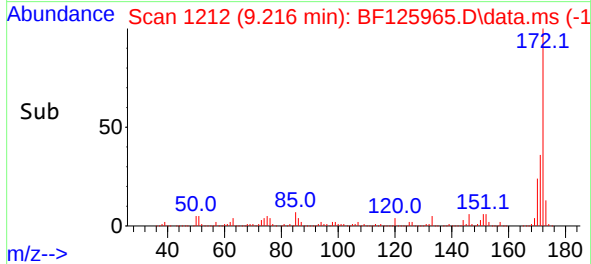
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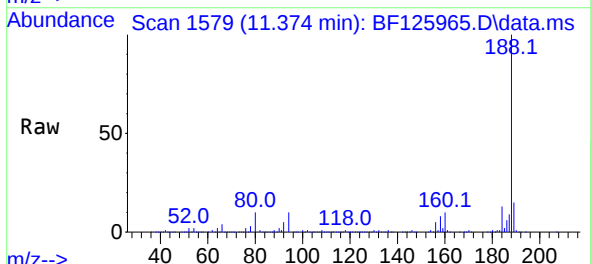
Tgt Ion:172 Resp: 2164333
Ion Ratio Lower Upper
172 100
171 36.3 26.5 39.7
170 24.4 18.8 28.2

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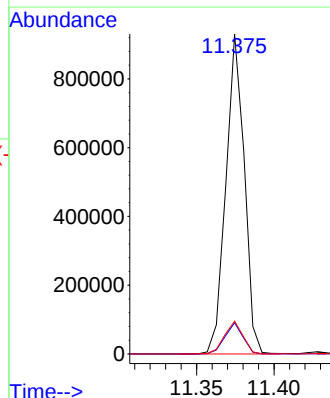
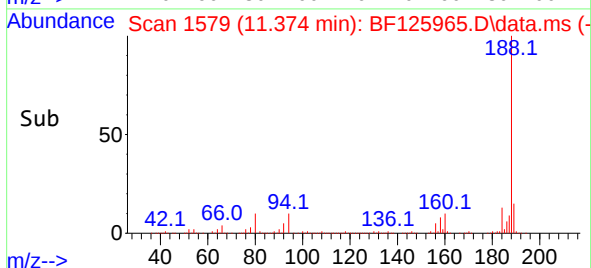
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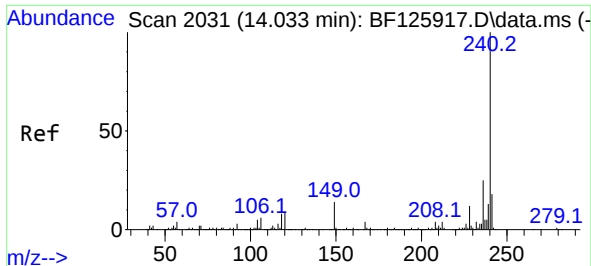


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.018 min
Lab File: BF125965.D
Acq: 27 Oct 2021 16:02



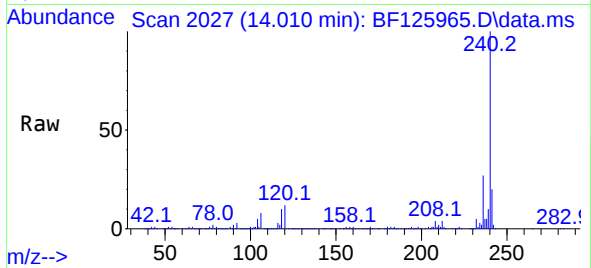
Tgt Ion:188 Resp: 768600
Ion Ratio Lower Upper
188 100
94 9.7 6.7 10.1
80 10.3 7.5 11.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.023 min
Lab File: BF125965.D
Acq: 27 Oct 2021 16:02

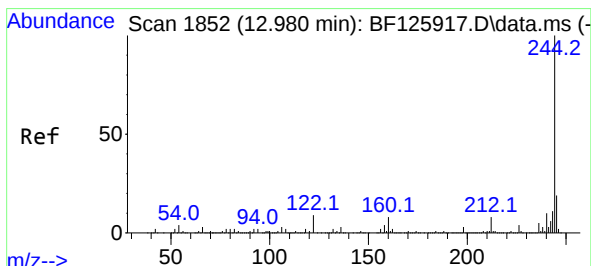
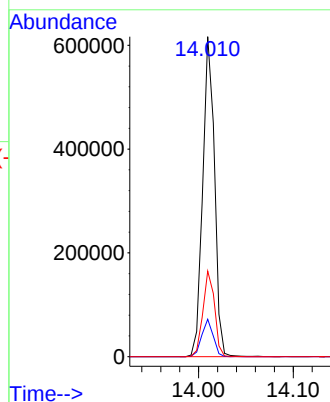
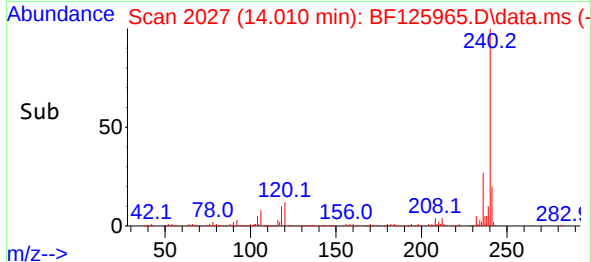
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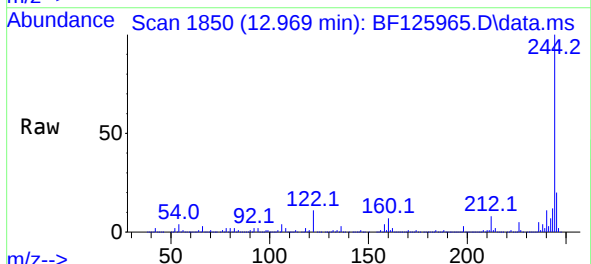
Tgt Ion:240 Resp: 533120
Ion Ratio Lower Upper
240 100
120 11.7 10.8 16.2
236 26.7 21.6 32.4

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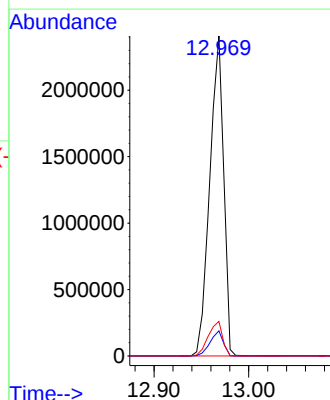
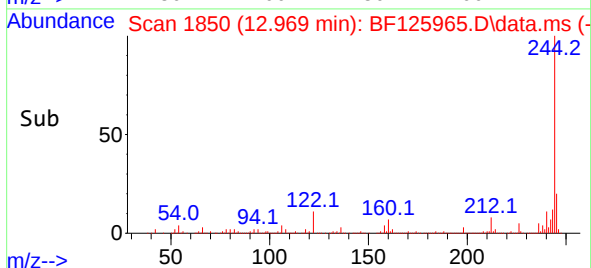
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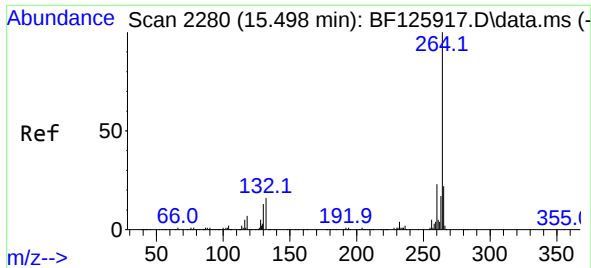


#79
Terphenyl-d14
Concen: 75.059 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.012 min
Lab File: BF125965.D
Acq: 27 Oct 2021 16:02



Tgt Ion:244 Resp: 2446327
Ion Ratio Lower Upper
244 100
212 7.9 5.9 8.9
122 10.8 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. -0.023 min
 Lab File: BF125965.D
 Acq: 27 Oct 2021 16:02

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Tgt Ion:264 Resp: 448758

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	21.1	17.2	25.8

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