

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
 Data File : BF125973.D
 Acq On : 27 Oct 2021 20:21
 Operator : JU/CG
 Sample : M4348-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 358

Manual Integrations
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Quant Time: Oct 28 09:00:37 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	176201	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	709369	20.000	ng	#-0.02
39) Acenaphthene-d10	9.892	164	388622	20.000	ng	-0.02
64) Phenanthrene-d10	11.375	188	656487	20.000	ng	-0.02
76) Chrysene-d12	14.010	240	409594	20.000	ng	-0.02
86) Perylene-d12	15.474	264	439221	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1102307	93.184	ng	-0.01
7) Phenol-d6	6.481	99	1389561	85.644	ng	-0.01
23) Nitrobenzene-d5	7.416	82	911825	66.396	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	284273	83.911	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	1345879	61.244	ng	-0.02
79) Terphenyl-d14	12.963	244	1106881	44.204	ng	-0.02
Target Compounds						
						Qvalue
71) Phenanthrene	11.398	178	119648	3.512	ng	99
75) Fluoranthene	12.586	202	156217	4.549	ng	96
78) Pyrene	12.810	202	129798	3.405	ng	96
84) Bis(2-ethylhexyl)phtha...	14.004	149	84547	6.294	ng	# 95
88) Benzo(b)fluoranthene	15.045	252	70024m	2.415	ng	

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

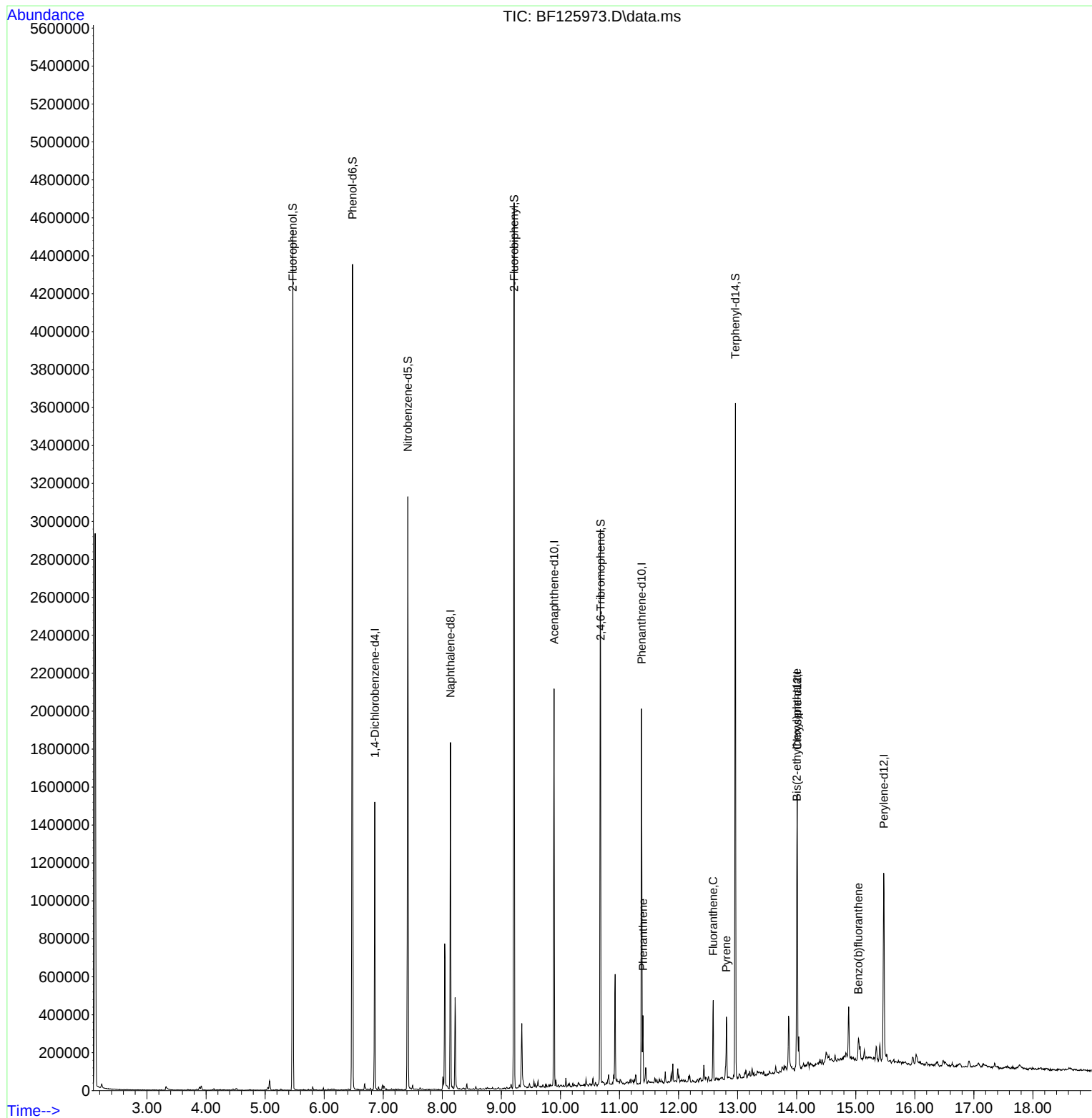
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Data File : BF125973.D
Acq On : 27 Oct 2021 20:21
Operator : JU/CG
Sample : M4348-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

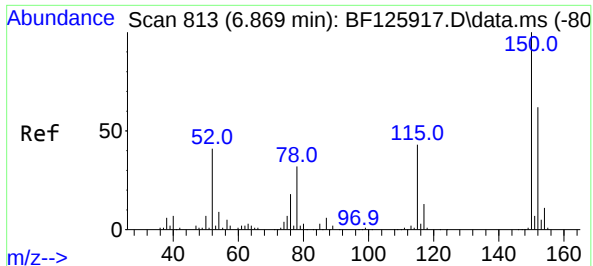
Instrument :
BNA_F
ClientSampleId :
358

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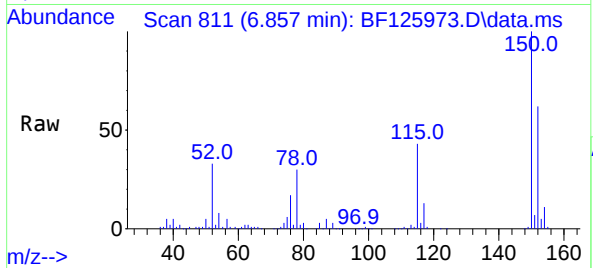
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Quant Time: Oct 28 09:00:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 18:49:16 2021
Response via : Initial Calibration

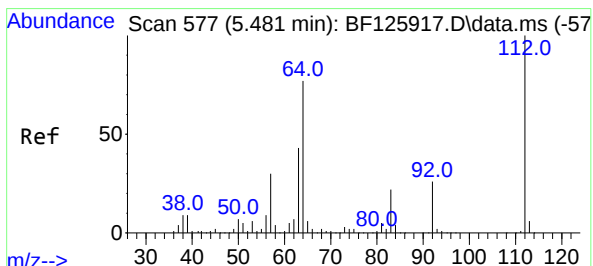
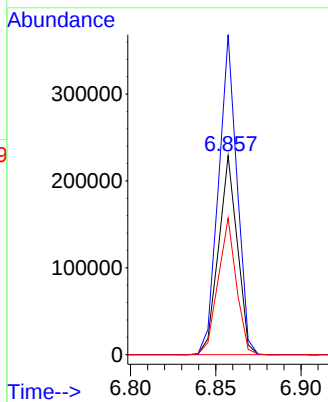
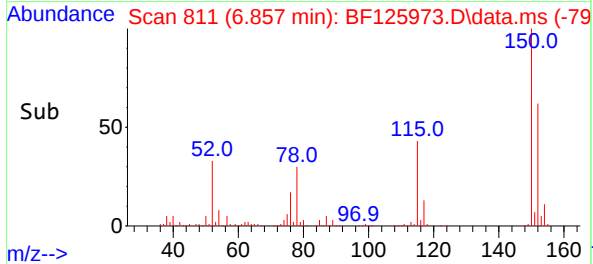




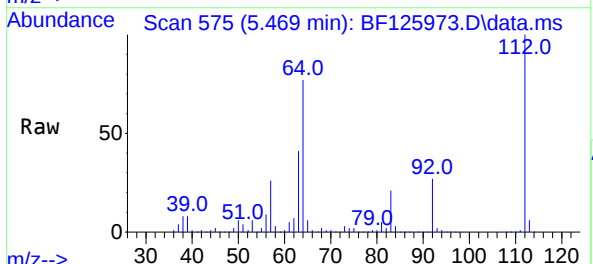
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF125973.D
Acq: 27 Oct 2021 20:21



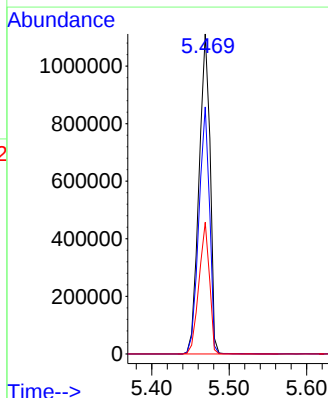
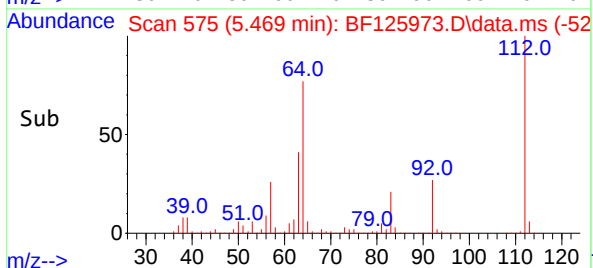
Tgt Ion:152 Resp: 176201
Ion Ratio Lower Upper
152 100
150 160.8 117.6 176.4
115 68.7 47.1 70.7



#5
2-Fluorophenol
Concen: 93.184 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.012 min
Lab File: BF125973.D
Acq: 27 Oct 2021 20:21



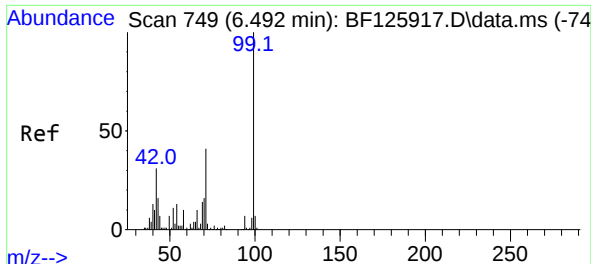
Tgt Ion:112 Resp: 1102307
Ion Ratio Lower Upper
112 100
64 77.2 44.2 66.2#
63 41.2 26.2 39.2#



Instrument :
BNA_F
ClientSampleId :
358

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#7
Phenol-d6
Concen: 85.644 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF125973.D
Acq: 27 Oct 2021 20:21

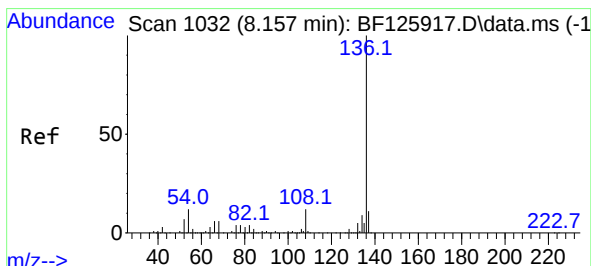
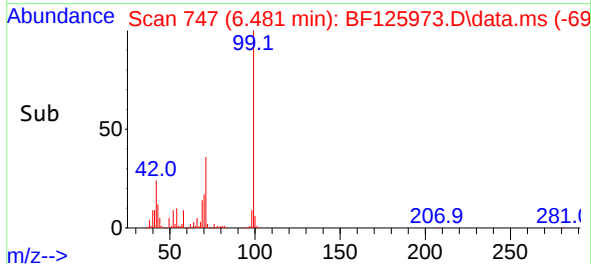
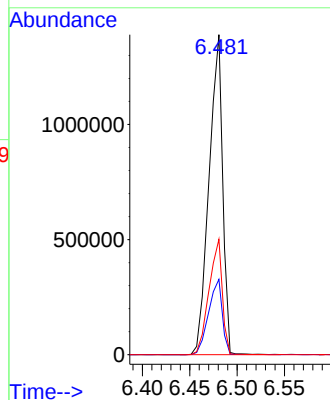
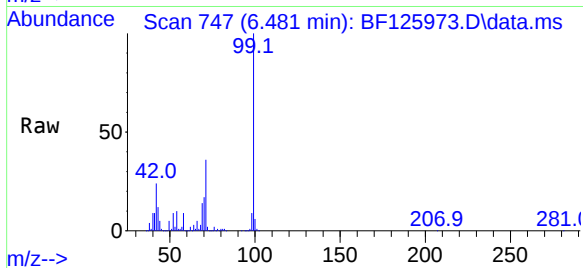
Tgt Ion: 99 Resp: 1389561

Ion	Ratio	Lower	Upper
99	100		
42	23.6	23.5	35.3
71	36.0	25.6	38.4

Instrument :
BNA_F
ClientSampled :
358

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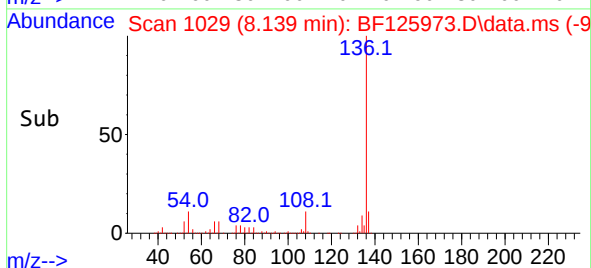
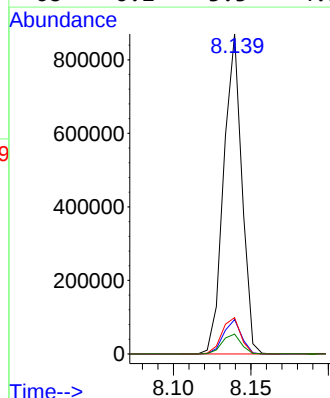
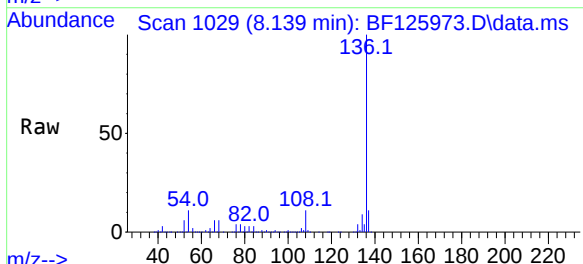
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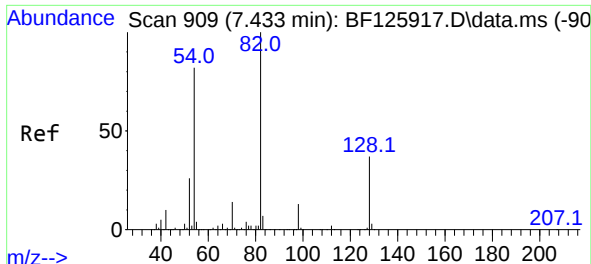


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF125973.D
Acq: 27 Oct 2021 20:21

Tgt Ion: 136 Resp: 709369

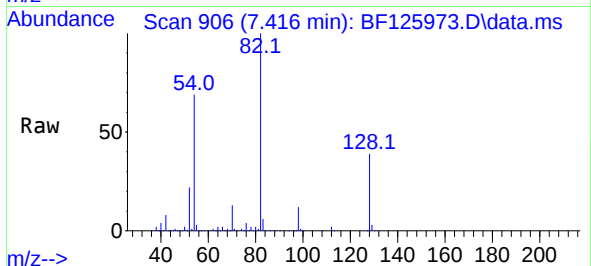
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	11.3	6.4	9.6#
68	6.2	3.3	4.9#





#23
Nitrobenzene-d5
Concen: 66.396 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.017 min
Lab File: BF125973.D
Acq: 27 Oct 2021 20:21

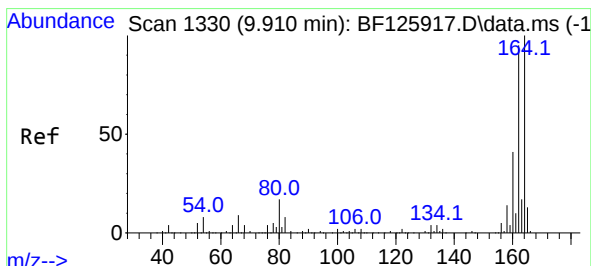
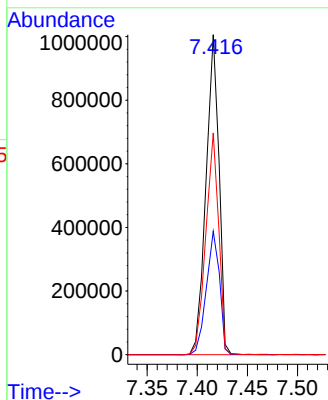
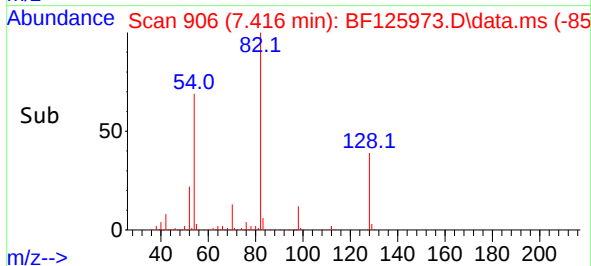
Instrument :
BNA_F
ClientSampled :
358



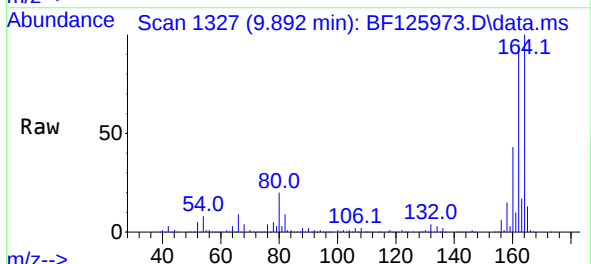
Tgt Ion: 82 Resp: 911825
Ion Ratio Lower Upper
82 100
128 38.6 40.6 60.8#
54 69.3 49.6 74.4

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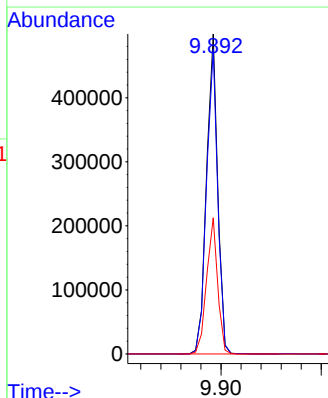
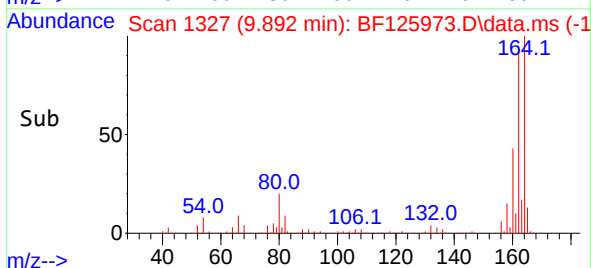
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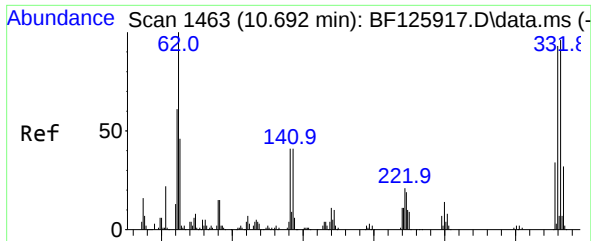


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF125973.D
Acq: 27 Oct 2021 20:21



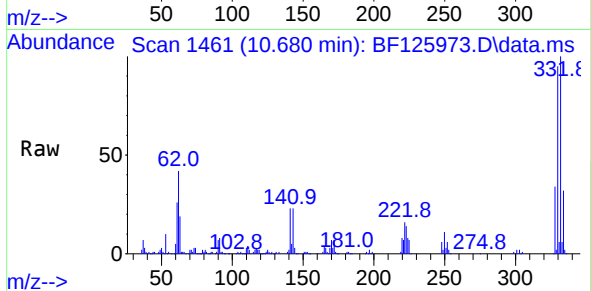
Tgt Ion: 164 Resp: 388622
Ion Ratio Lower Upper
164 100
162 95.2 81.3 121.9
160 42.6 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 83.911 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF125973.D
Acq: 27 Oct 2021 20:21

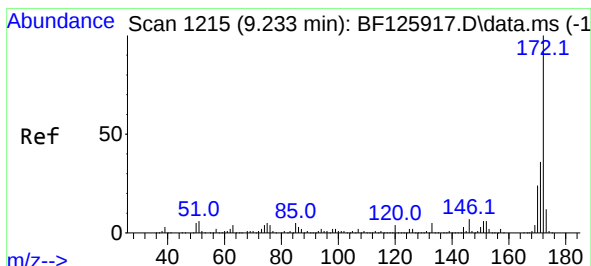
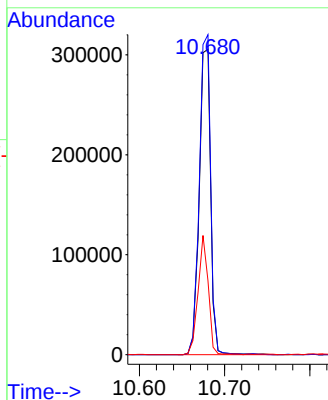
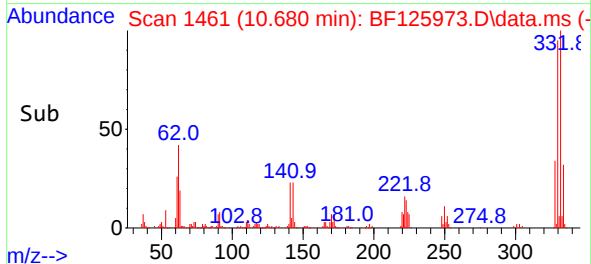
Instrument :
BNA_F
ClientSampled :
358



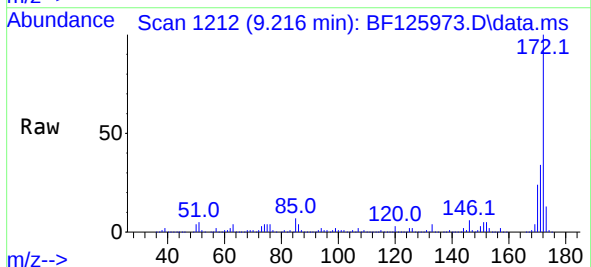
Tgt Ion:330 Resp: 284273
Ion Ratio Lower Upper
330 100
332 104.1 76.2 114.4
141 35.1 44.6 66.8#

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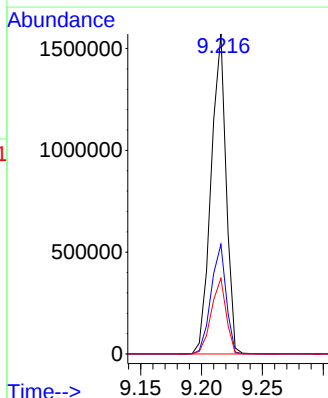
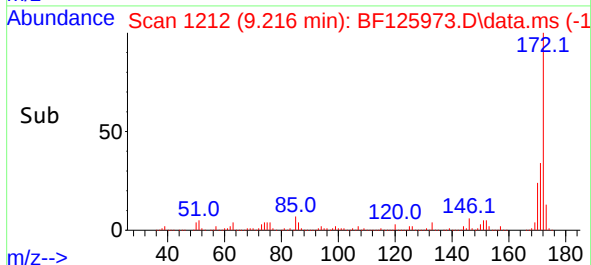
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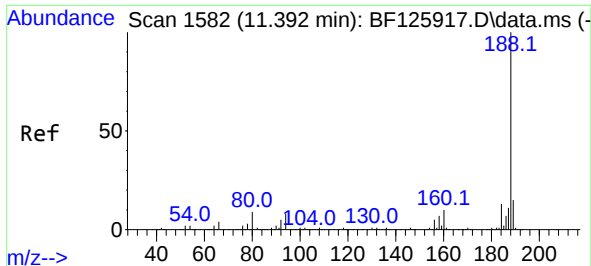


#45
2-Fluorobiphenyl
Concen: 61.244 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.017 min
Lab File: BF125973.D
Acq: 27 Oct 2021 20:21



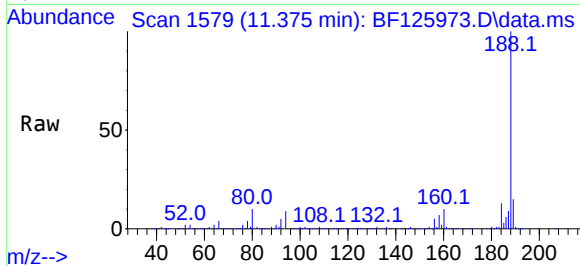
Tgt Ion:172 Resp: 1345879
Ion Ratio Lower Upper
172 100
171 34.2 26.5 39.7
170 23.6 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.017 min
Lab File: BF125973.D
Acq: 27 Oct 2021 20:21

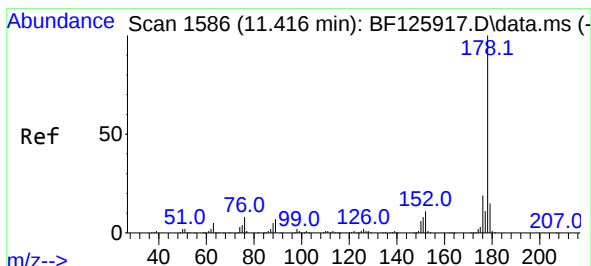
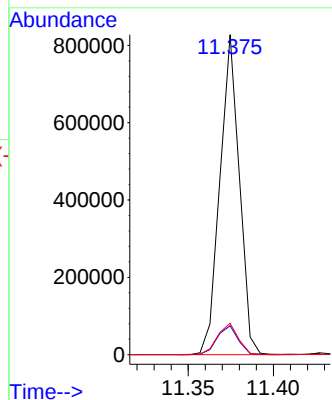
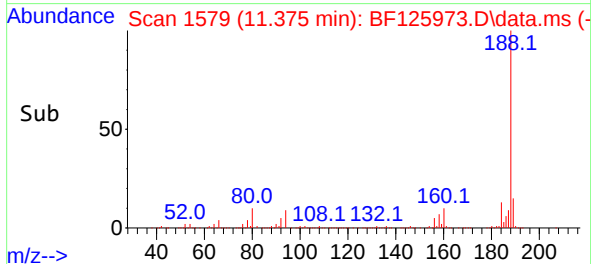
Instrument :
BNA_F
ClientSampled :
358



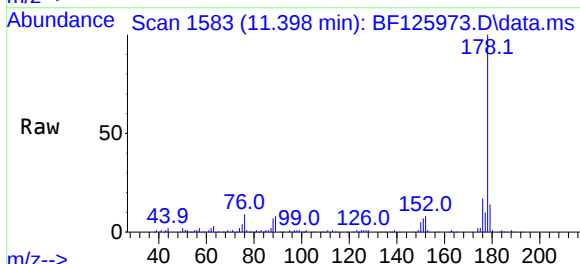
Tgt Ion:188 Resp: 656487
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 9.8 7.5 11.3

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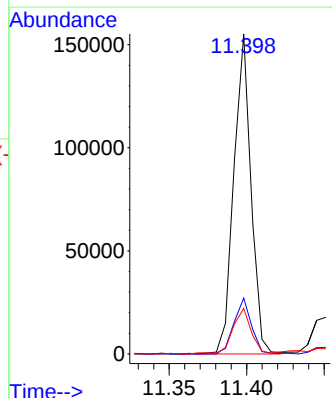
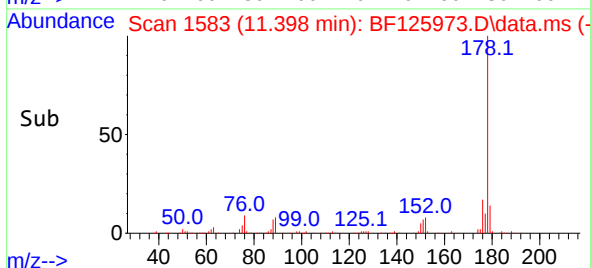
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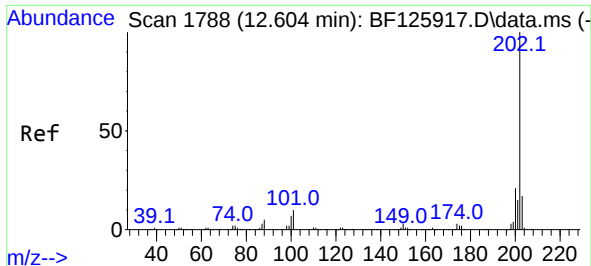


#71
Phenanthrene
Concen: 3.512 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.018 min
Lab File: BF125973.D
Acq: 27 Oct 2021 20:21



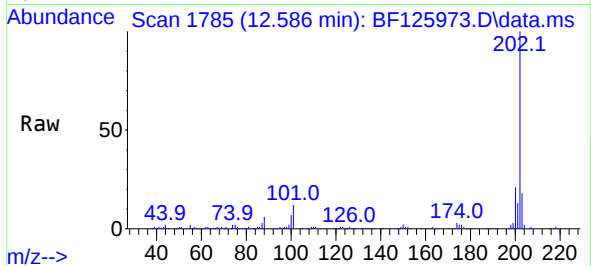
Tgt Ion:178 Resp: 119648
Ion Ratio Lower Upper
178 100
176 17.5 14.7 22.1
179 14.2 11.5 17.3





#75
Fluoranthene
Concen: 4.549 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.017 min
Lab File: BF125973.D
Acq: 27 Oct 2021 20:21

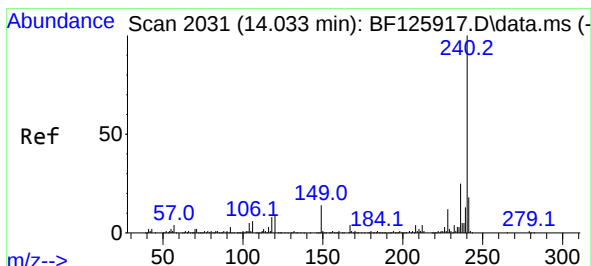
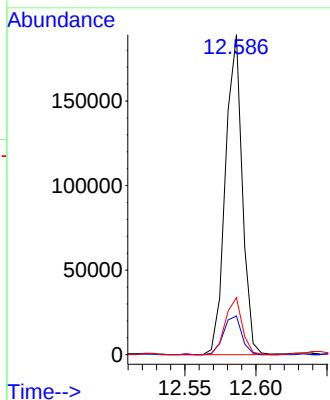
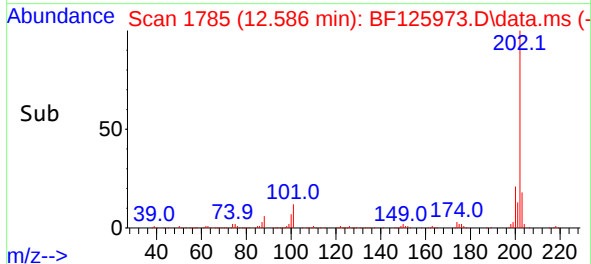
Instrument :
BNA_F
ClientSampled :
358



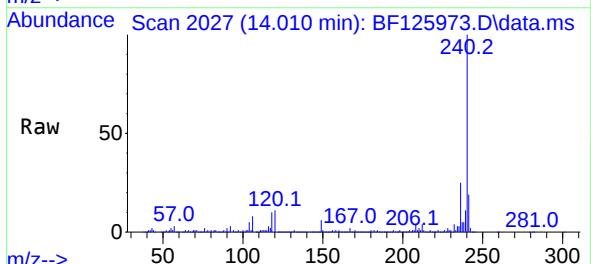
Tgt Ion:202 Resp: 156217
Ion Ratio Lower Upper
202 100
101 12.1 0.0 30.7
203 17.9 0.0 36.3

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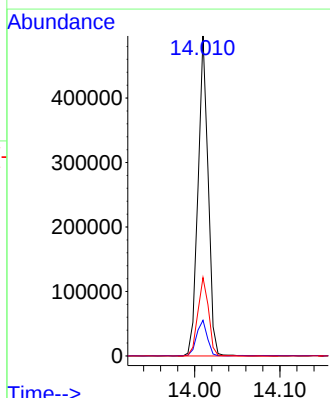
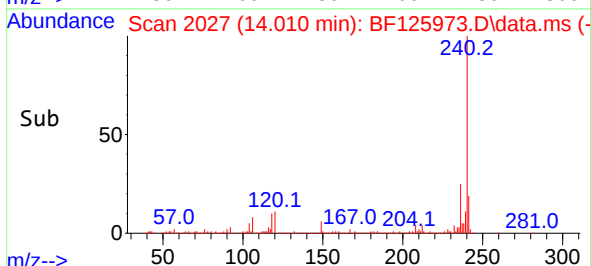
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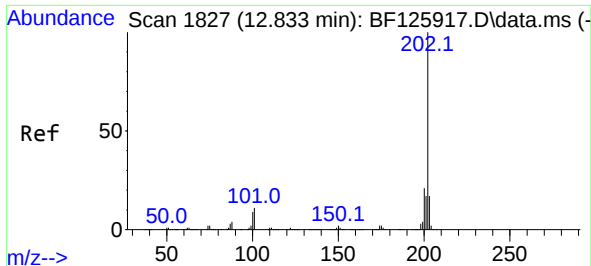


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.023 min
Lab File: BF125973.D
Acq: 27 Oct 2021 20:21



Tgt Ion:240 Resp: 409594
Ion Ratio Lower Upper
240 100
120 11.2 10.8 16.2
236 24.5 21.6 32.4





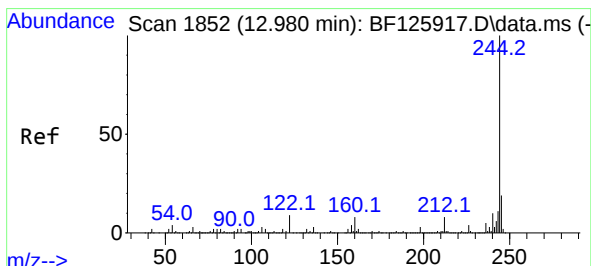
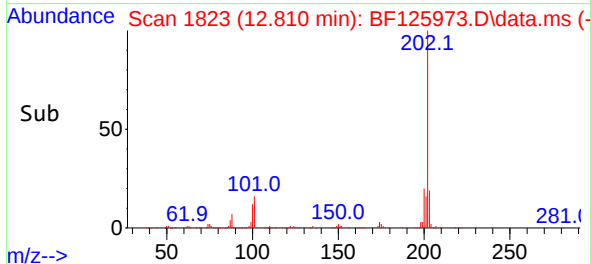
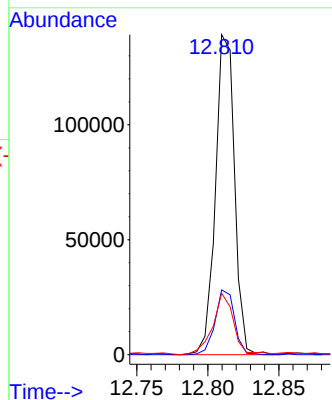
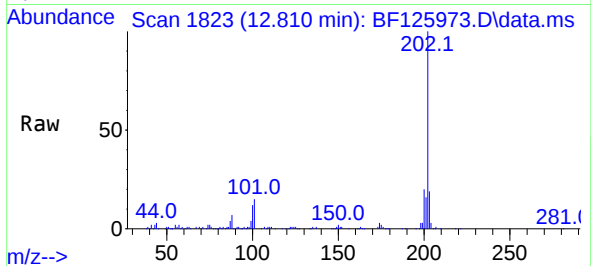
#78
Pyrene
Concen: 3.405 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.023 min
Lab File: BF125973.D
Acq: 27 Oct 2021 20:21

Tgt Ion:	202	Resp:	129798
Ion Ratio	Lower	Upper	
202	100		
200	20.2	15.3	22.9
203	19.2	13.4	20.0

Instrument :
BNA_F
ClientSampled :
358

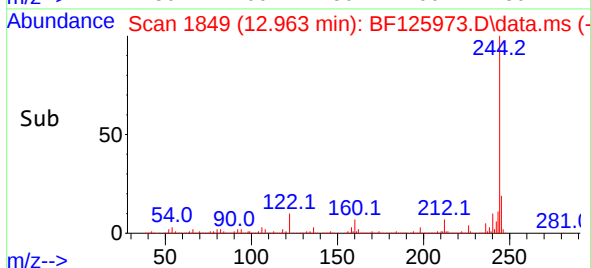
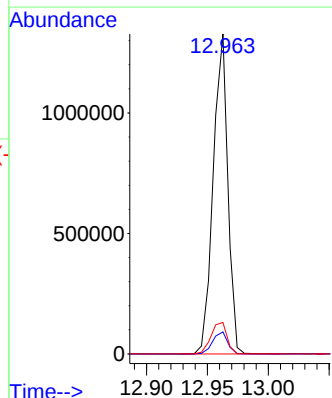
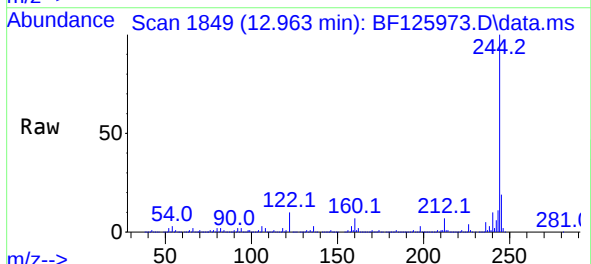
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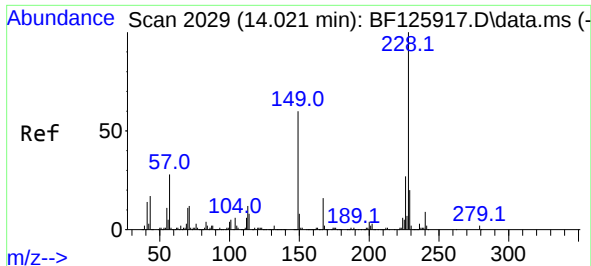
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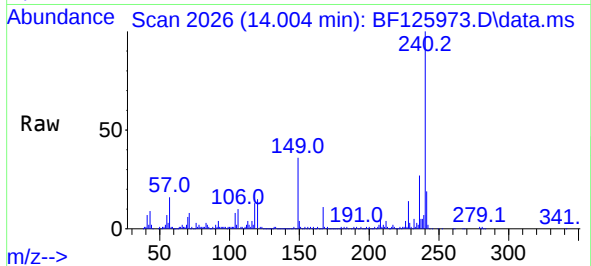
#79
Terphenyl-d14
Concen: 44.204 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.017 min
Lab File: BF125973.D
Acq: 27 Oct 2021 20:21

Tgt Ion:	244	Resp:	1106881
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.9	8.9
122	9.9	9.0	13.4

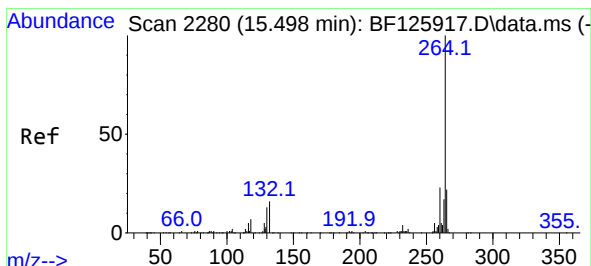
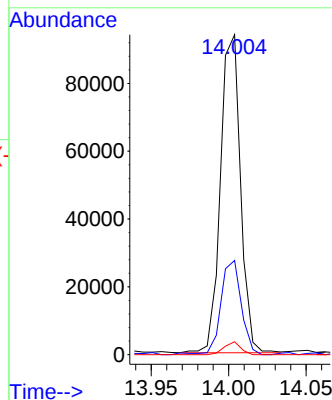
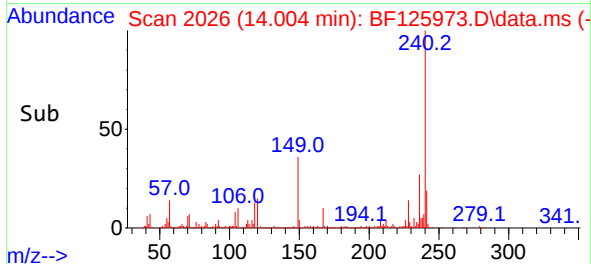




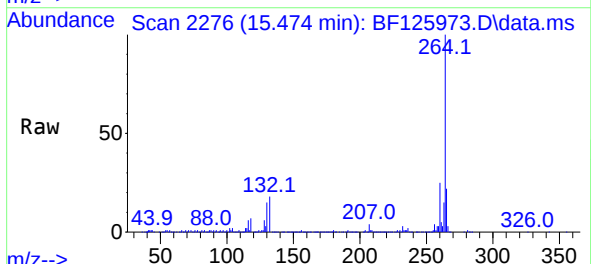
#84
Bis(2-ethylhexyl)phthalate
Concen: 6.294 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.018 min
Lab File: BF125973.D
Acq: 27 Oct 2021 20:21



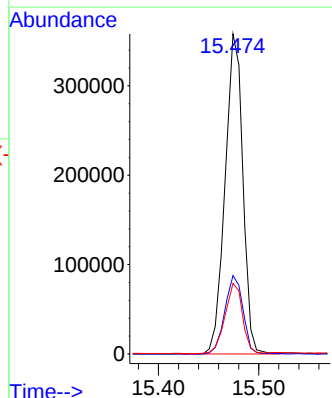
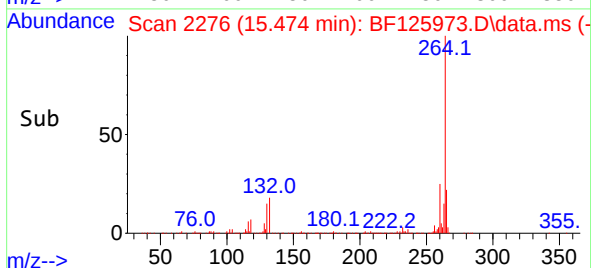
Tgt Ion:149 Resp: 84547
Ion Ratio Lower Upper
149 100
167 29.4 21.4 32.0
279 4.0 2.6 4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.023 min
Lab File: BF125973.D
Acq: 27 Oct 2021 20:21



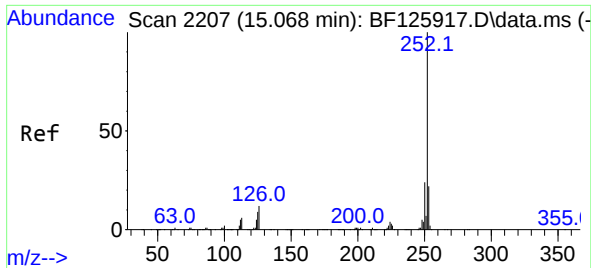
Tgt Ion:264 Resp: 439221
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 22.1 17.2 25.8



Instrument :
BNA_F
ClientSampled :
358

Manual Integrations
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#88
Benzo(b)fluoranthene
Concen: 2.415 ng m
RT: 15.045 min Scan# 2203
Delta R.T. -0.023 min
Lab File: BF125973.D
Acq: 27 Oct 2021 20:21

Tgt Ion:252 Resp: 70024
Ion Ratio Lower Upper
252 100
253 21.8 16.8 25.2
125 12.7 9.8 14.8

Instrument :
BNA_F
ClientSampleId :
358

Manual Integrations
APPROVED

mohammad
10/29/2021 2:22:48 PM

