

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
 Data File : BF124980.D
 Acq On : 7 Aug 2021 18:25
 Operator : JU/CG
 Sample : M3289-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 25082

Manual Integrations
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mohammad
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Quant Time: Aug 08 09:10:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 11:27:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	5496	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	21721	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	11585	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	16530	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	11073	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	12917	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	31234	93.095	ng	0.00
7) Phenol-d6	6.457	99	38442	90.868	ng	0.00
23) Nitrobenzene-d5	7.392	82	24207	58.300	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	8261	79.816	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	49044	61.945	ng	0.00
79) Terphenyl-d14	12.939	244	34074	51.907	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.380	178	2508	2.797	ng	# 67
75) Fluoranthene	12.568	202	4646	5.008	ng	90
78) Pyrene	12.798	202	3503	4.016	ng	# 81
81) Benzo(a)anthracene	13.980	228	1504	2.084	ng	# 90
83) Chrysene	14.015	228	2151m	3.084	ng	
88) Benzo(b)fluoranthene	15.021	252	3441m	3.794	ng	

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

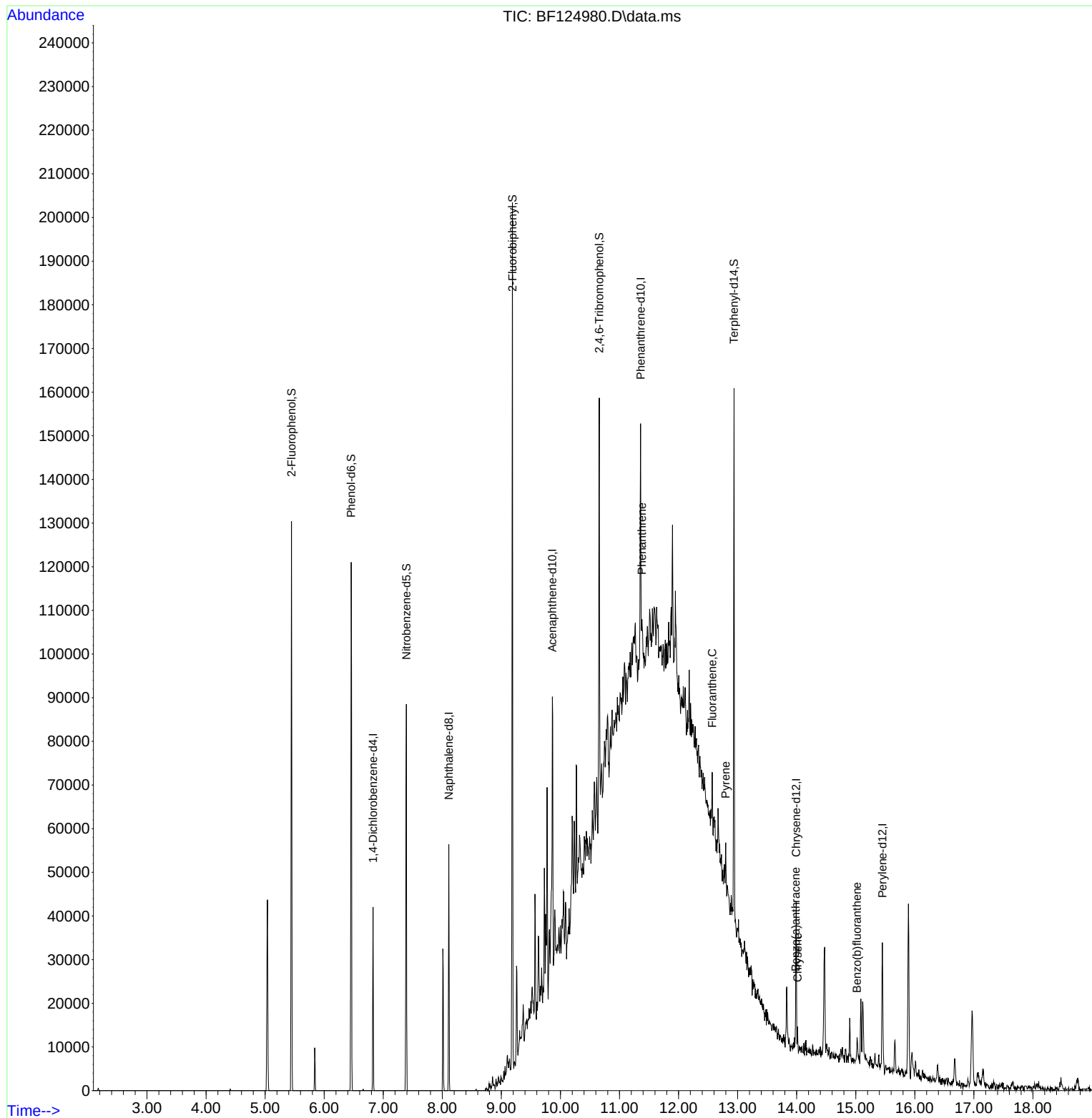
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
Data File : BF124980.D
Acq On : 7 Aug 2021 18:25
Operator : JU/CG
Sample : M3289-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

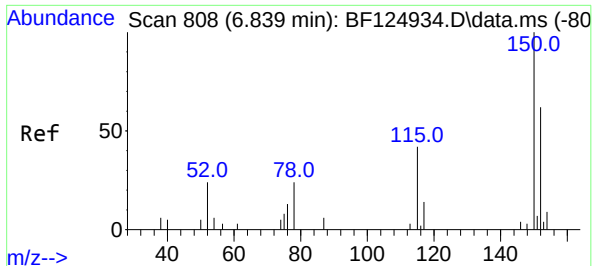
Instrument :
BNA_F
ClientSampleId :
25082

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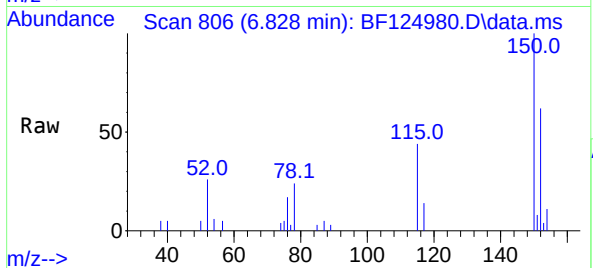
Quant Time: Aug 08 09:10:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 11:27:24 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

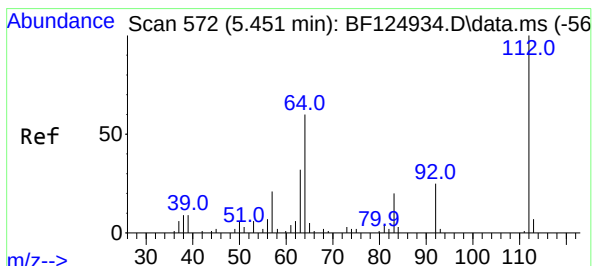
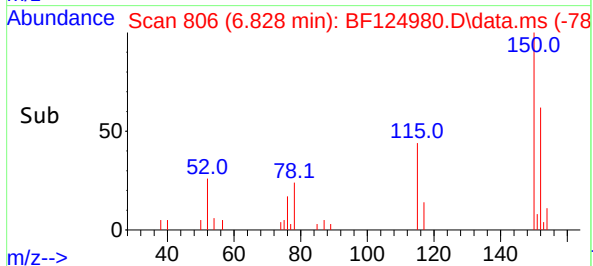
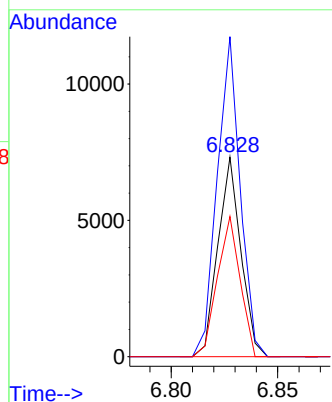
Instrument :
BNA_F
ClientSampled :
25082



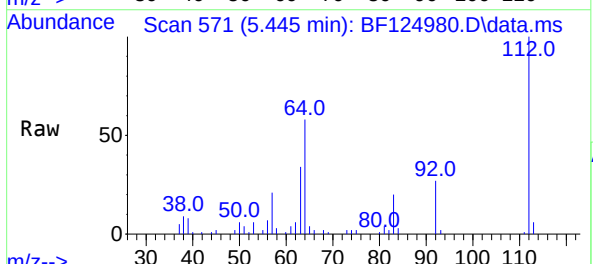
Tgt Ion:152 Resp: 5496
Ion Ratio Lower Upper
152 100
150 160.4 117.6 176.4
115 70.3 47.1 70.7

Manual Integrations
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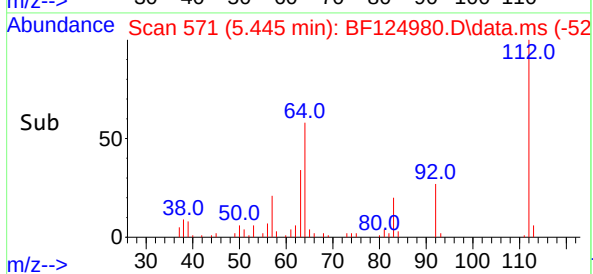
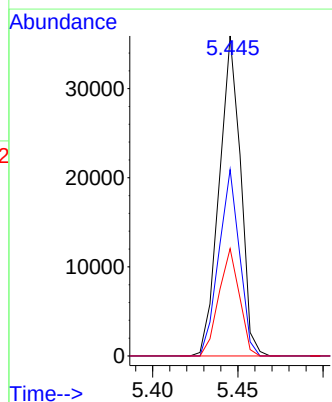
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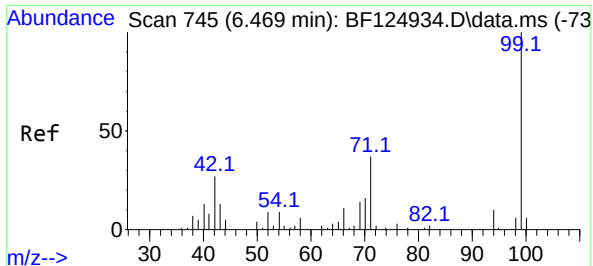


#5
2-Fluorophenol
Concen: 93.095 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25



Tgt Ion:112 Resp: 31234
Ion Ratio Lower Upper
112 100
64 58.3 44.2 66.2
63 33.5 26.2 39.2





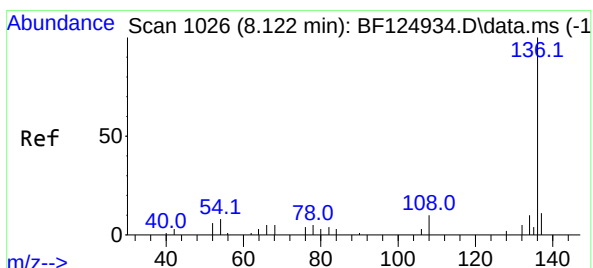
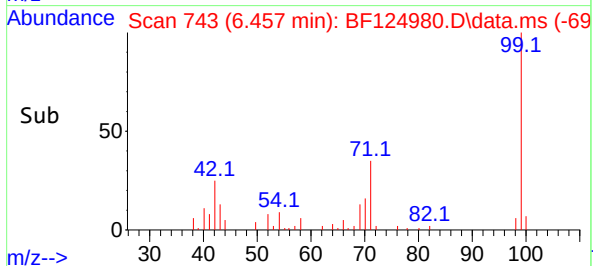
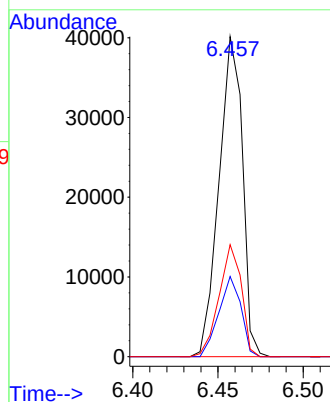
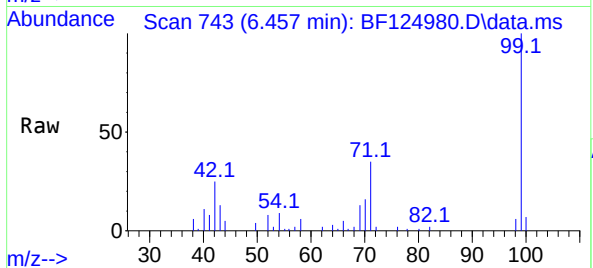
#7
Phenol-d6
Concen: 90.868 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

Tgt Ion:	99	Resp:	38442
Ion	Ratio	Lower	Upper
99	100		
42	25.1	23.5	35.3
71	35.0	25.6	38.4

Instrument :
BNA_F
ClientSampled :
25082

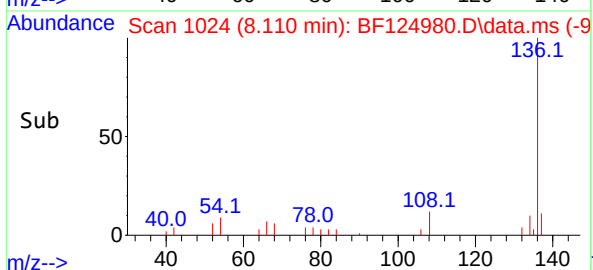
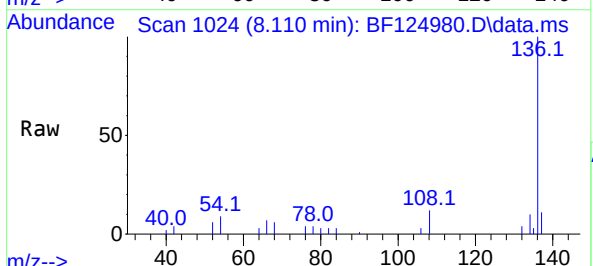
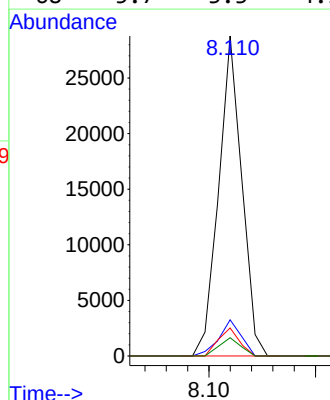
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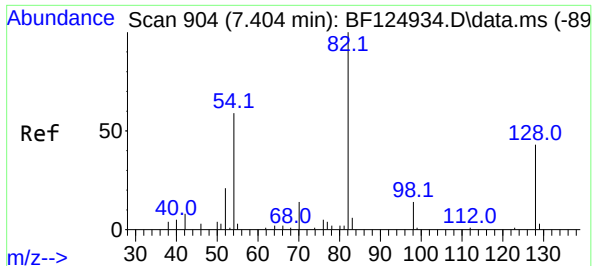
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

Tgt Ion:	136	Resp:	21721
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.6
54	8.7	6.4	9.6
68	5.7	3.3	4.9





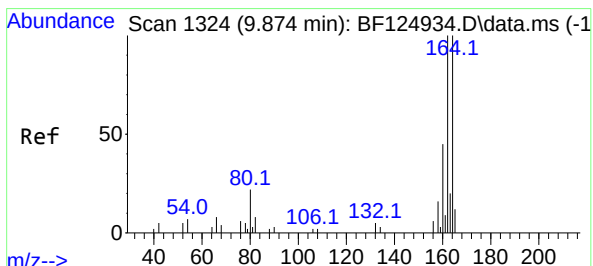
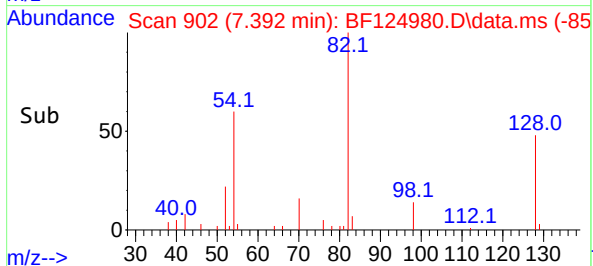
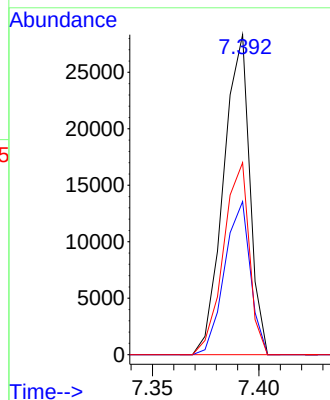
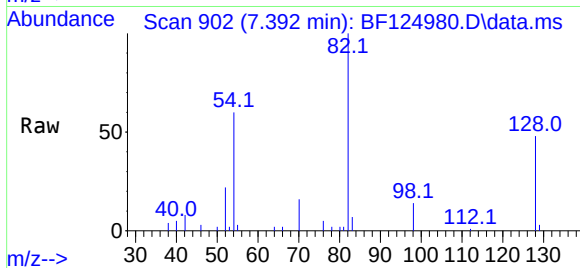
#23
Nitrobenzene-d5
Concen: 58.300 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

Tgt Ion:	82	Resp:	24207
Ion	Ratio	Lower	Upper
82	100		
128	47.9	40.6	60.8
54	60.0	49.6	74.4

Instrument :
BNA_F
ClientSampled :
25082

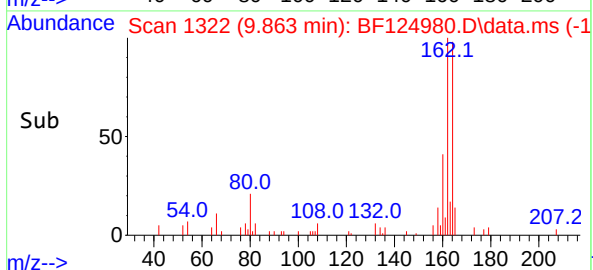
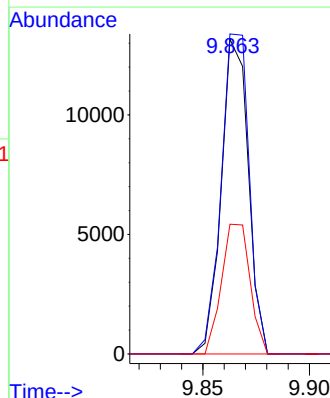
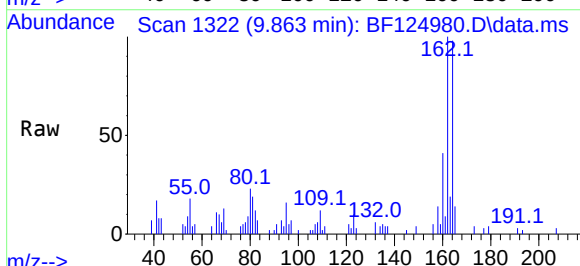
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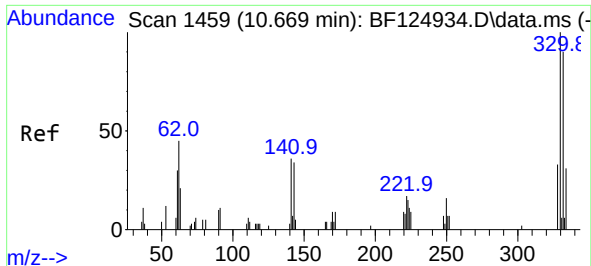
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

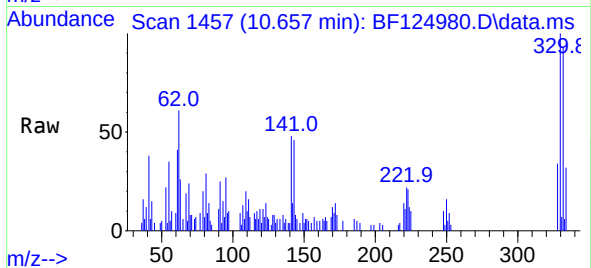
Tgt Ion:	164	Resp:	11585
Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.3	121.9
160	41.2	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 79.816 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

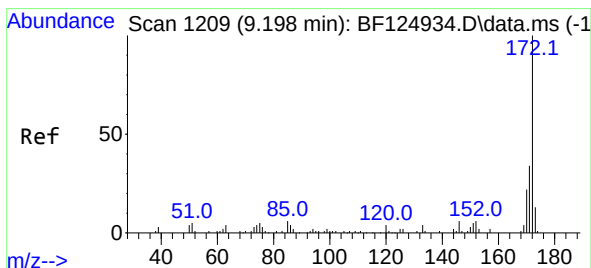
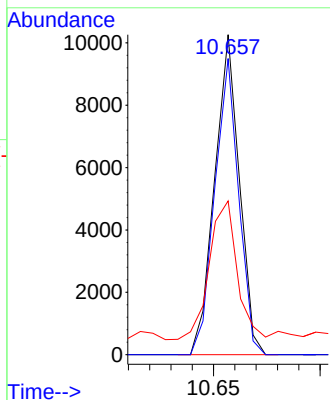
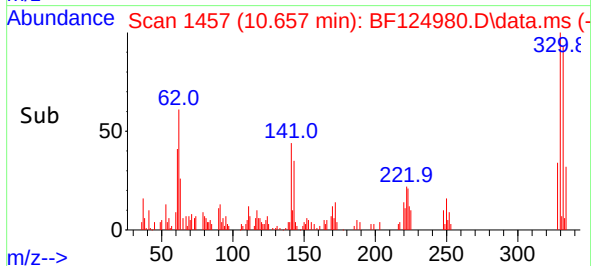
Instrument :
BNA_F
ClientSampled :
25082



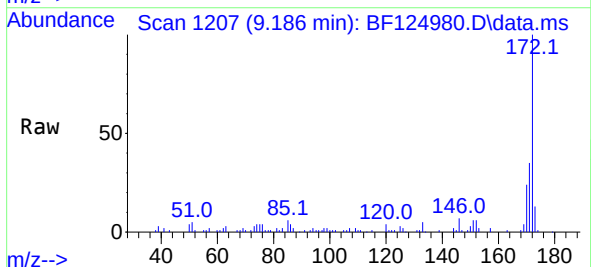
Tgt Ion: 330 Resp: 8261
Ion Ratio Lower Upper
330 100
332 89.7 76.2 114.4
141 51.2 44.6 66.8

Manual Integrations
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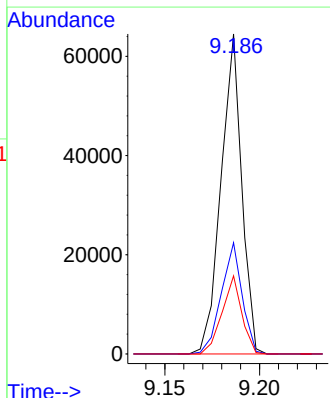
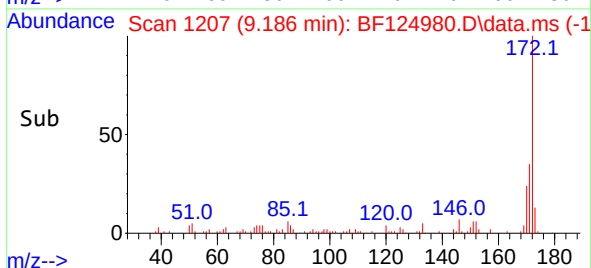
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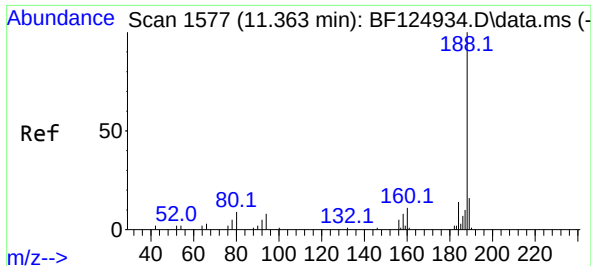


#45
2-Fluorobiphenyl
Concen: 61.945 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25



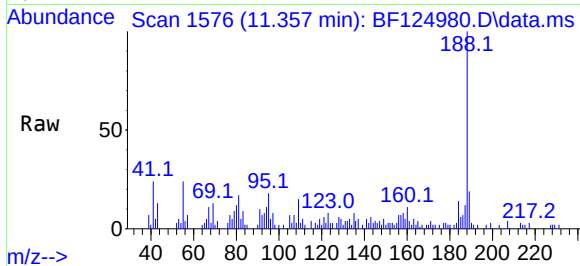
Tgt Ion: 172 Resp: 49044
Ion Ratio Lower Upper
172 100
171 34.7 26.5 39.7
170 24.4 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

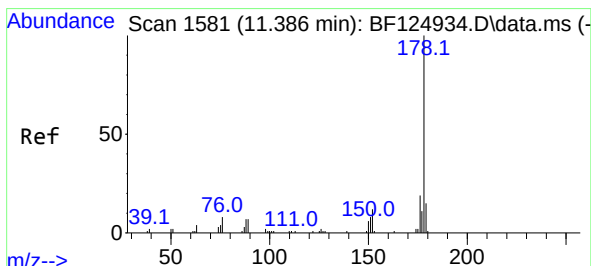
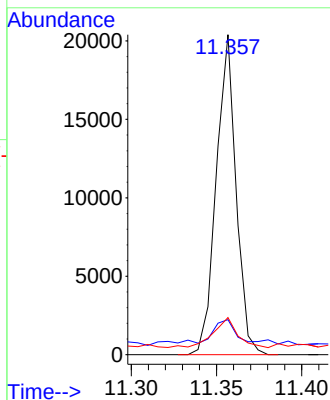
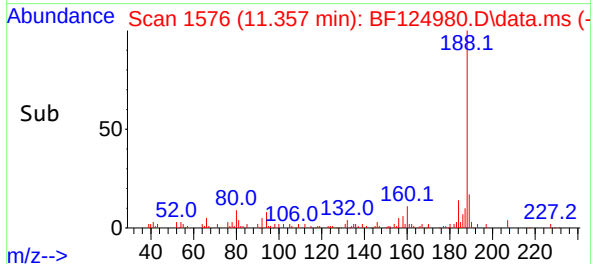
Instrument :
BNA_F
ClientSampled :
25082



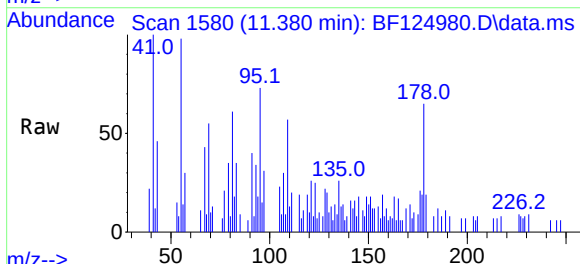
Tgt Ion:188 Resp: 16530
Ion Ratio Lower Upper
188 100
94 10.9 6.7 10.1#
80 11.6 7.5 11.3#

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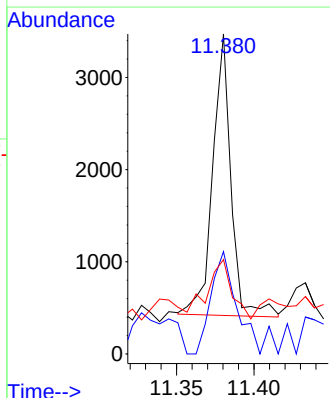
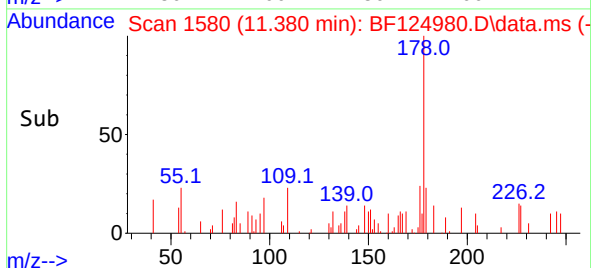
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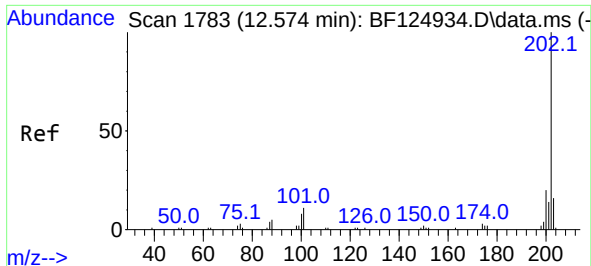


#71
Phenanthrene
Concen: 2.797 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25



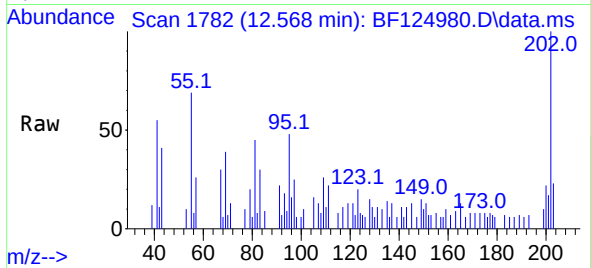
Tgt Ion:178 Resp: 2508
Ion Ratio Lower Upper
178 100
176 32.0 14.7 22.1#
179 29.5 11.5 17.3#





#75
Fluoranthene
Concen: 5.008 ng
RT: 12.568 min Scan# 1782
Delta R.T. 0.006 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

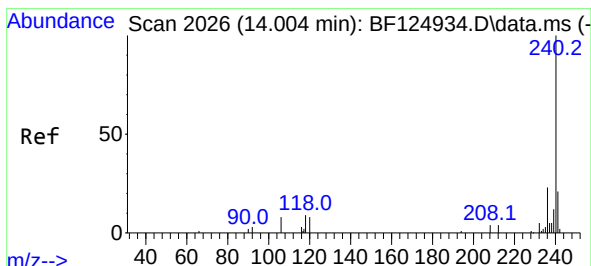
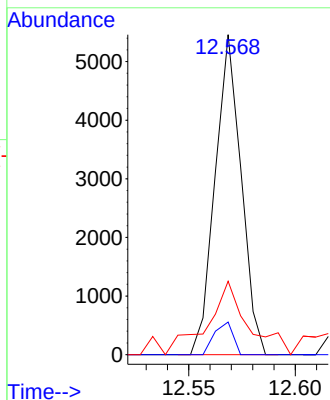
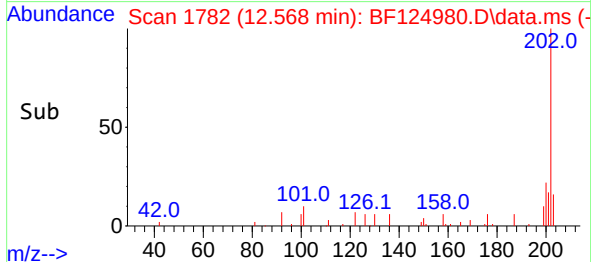
Instrument :
BNA_F
ClientSampled :
25082



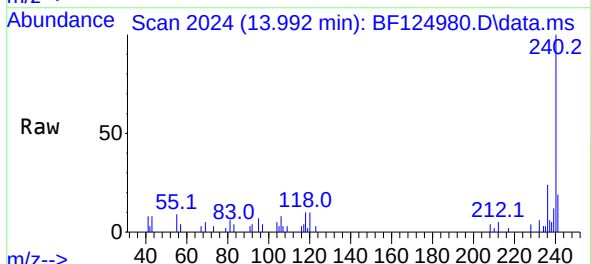
Tgt Ion:202 Resp: 4646
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.7
203 23.0 0.0 36.3

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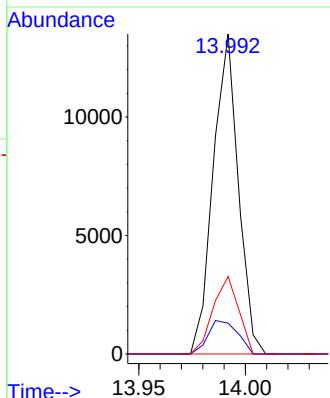
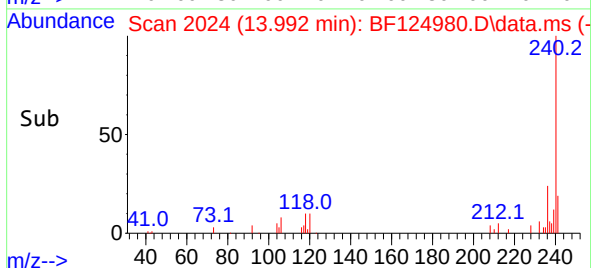
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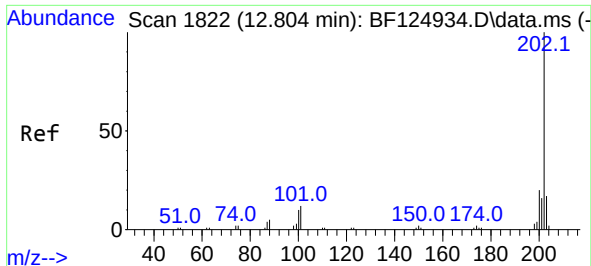


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25



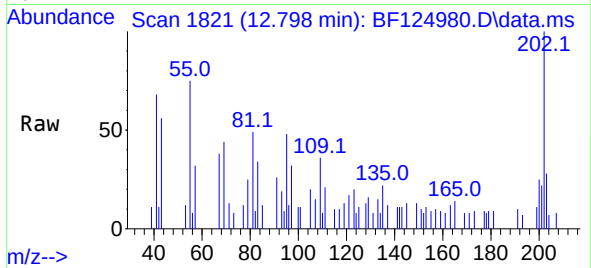
Tgt Ion:240 Resp: 11073
Ion Ratio Lower Upper
240 100
120 9.6 10.8 16.2#
236 24.2 21.6 32.4





#78
Pyrene
Concen: 4.016 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.006 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

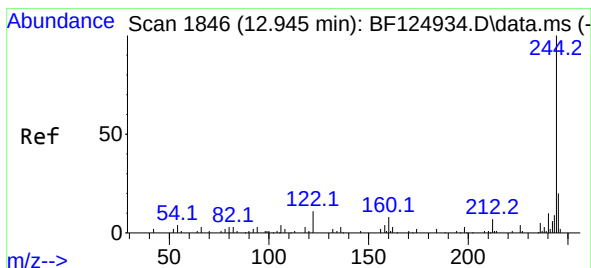
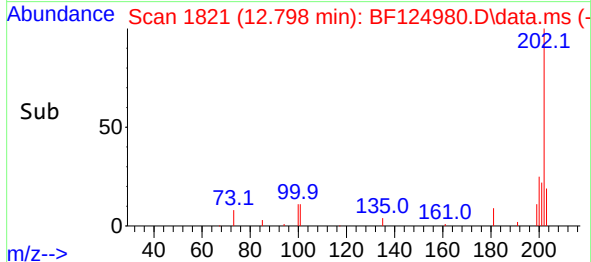
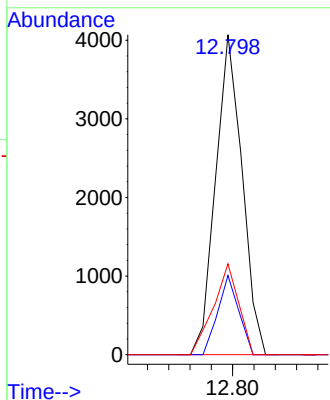
Instrument :
BNA_F
ClientSampled :
25082



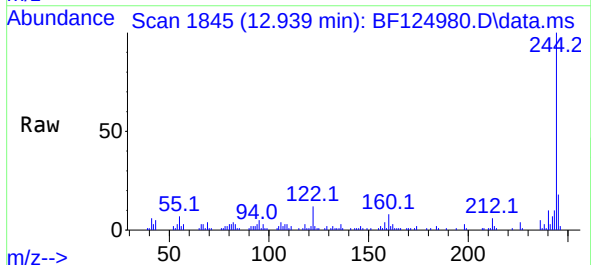
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Ion Ratio Lower Upper
202 100
200 24.8 15.3 22.9#
203 28.4 13.4 20.0#

Manual Integrations
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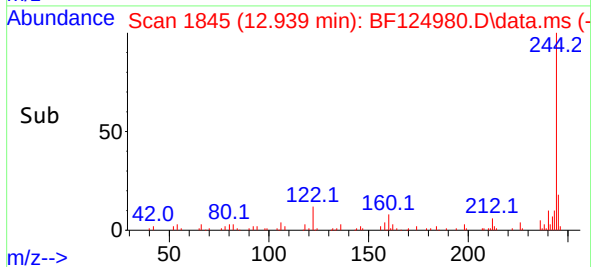
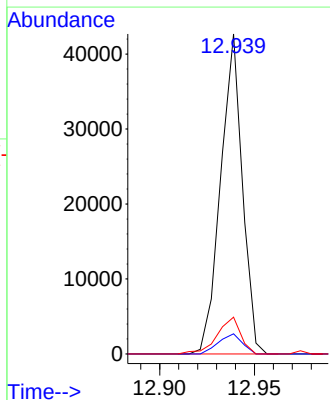
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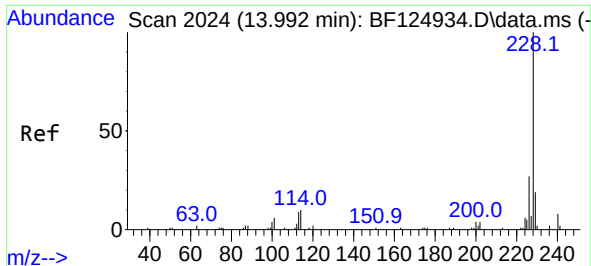


#79
Terphenyl-d14
Concen: 51.907 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25



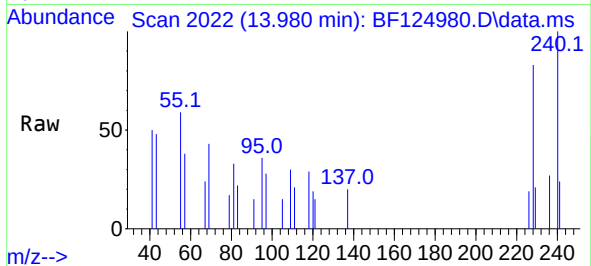
Tgt Ion:244 Resp: 34074
Ion Ratio Lower Upper
244 100
212 6.3 5.9 8.9
122 11.5 9.0 13.4





#81
Benzo(a)anthracene
Concen: 2.084 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

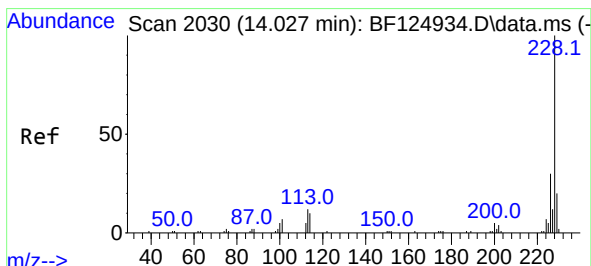
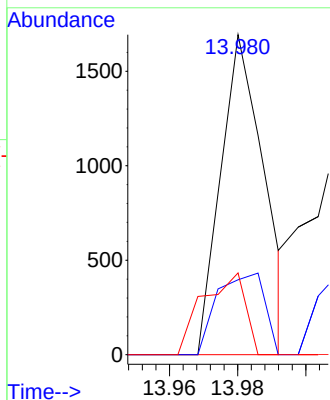
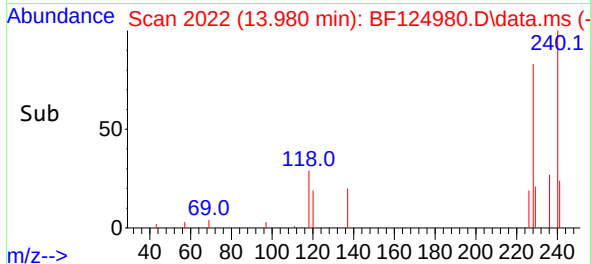
Instrument :
BNA_F
ClientSampled :
25082



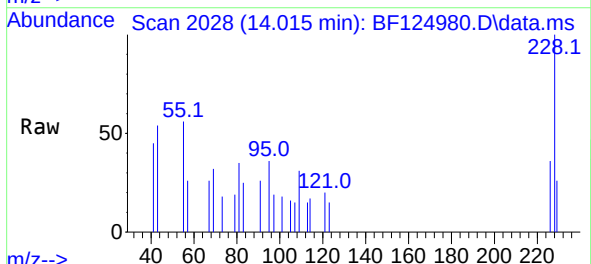
Tgt Ion:228 Resp: 1504
Ion Ratio Lower Upper
228 100
226 23.4 21.6 32.4
229 25.6 15.6 23.4#

Manual Integrations
APPROVED

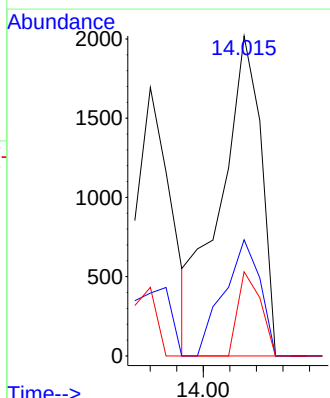
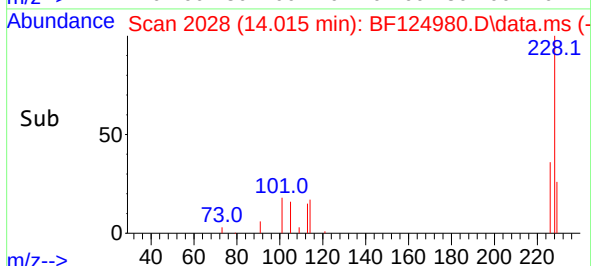
mohammad
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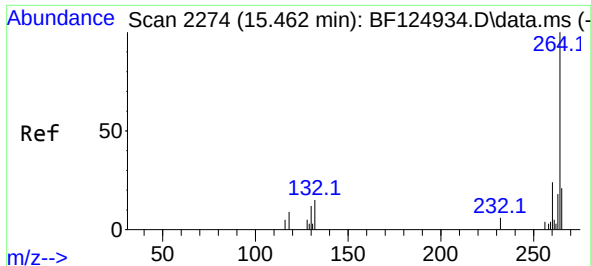


#83
Chrysene
Concen: 3.084 ng m
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25



Tgt Ion:228 Resp: 2151
Ion Ratio Lower Upper
228 100
226 36.3 22.6 34.0#
229 26.3 15.9 23.9#





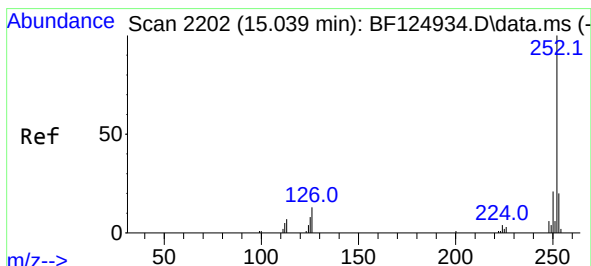
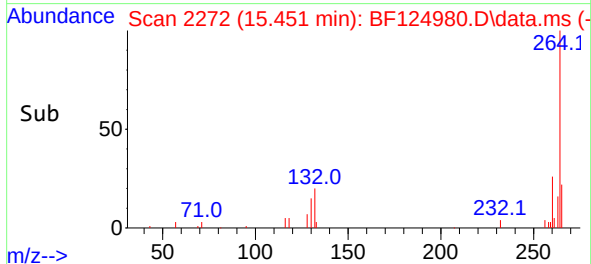
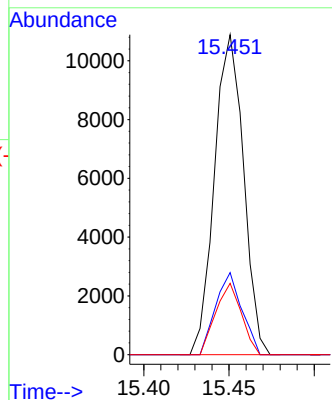
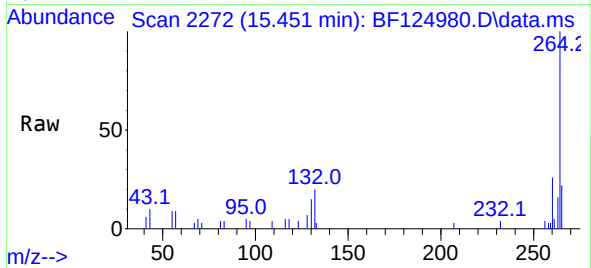
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

Tgt Ion:	264	Resp:	12917
Ion Ratio	Lower	Upper	
264	100		
260	25.6	19.6	29.4
265	22.3	17.2	25.8

Instrument :
BNA_F
ClientSampled :
25082

Manual Integrations
APPROVED

mohammad
8/10/2021 4:24:21 PM



#88
Benzo(b)fluoranthene
Concen: 3.794 ng m
RT: 15.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF124980.D
Acq: 7 Aug 2021 18:25

Tgt Ion:	252	Resp:	3441
Ion Ratio	Lower	Upper	
252	100		
253	19.0	16.8	25.2
125	22.0	9.8	14.8#

