

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
 Data File : BF125011.D
 Acq On : 9 Aug 2021 20:28
 Operator : JU/CG
 Sample : M3321-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CARLSTADT

Manual Integrations
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Quant Time: Aug 10 04:45:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 09 11:03:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	6416	20.000	ng	# 0.00
21) Naphthalene-d8	8.098	136	24294	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	12639	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	20675	20.000	ng	0.00
76) Chrysene-d12	13.974	240	12998	20.000	ng	-0.01
86) Perylene-d12	15.433	264	13015	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	40124	102.443	ng	0.00
7) Phenol-d6	6.451	99	49550	100.330	ng	0.00
23) Nitrobenzene-d5	7.380	82	32610	70.220	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	11549	102.279	ng	0.00
45) 2-Fluorobiphenyl	9.174	172	64490	74.661	ng	0.00
79) Terphenyl-d14	12.921	244	52100	67.613	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.363	178	2555	2.278	ng	97
75) Fluoranthene	12.551	202	5214	4.494	ng	96
78) Pyrene	12.780	202	4711	4.601	ng	97
81) Benzo(a)anthracene	13.968	228	2251	2.657	ng	# 95
83) Chrysene	14.004	228	2406	2.938	ng	# 82
88) Benzo(b)fluoranthene	15.009	252	3949m	4.321	ng	
90) Benzo(a)pyrene	15.368	252	2499	3.211	ng	# 82

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

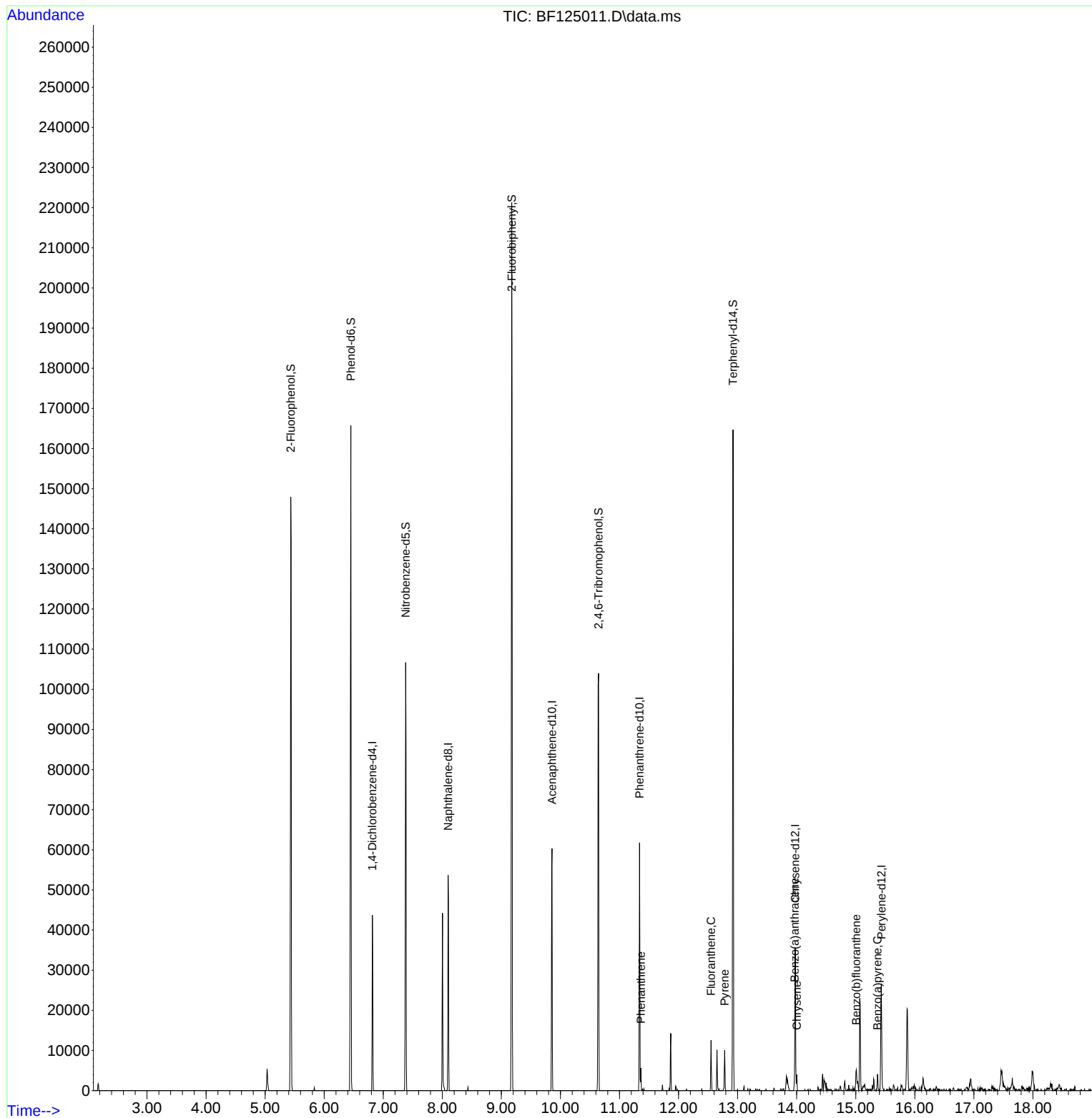
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
Data File : BF125011.D
Acq On : 9 Aug 2021 20:28
Operator : JU/CG
Sample : M3321-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

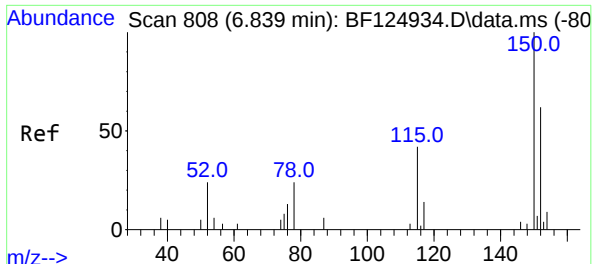
Instrument :
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ClientSampleId :
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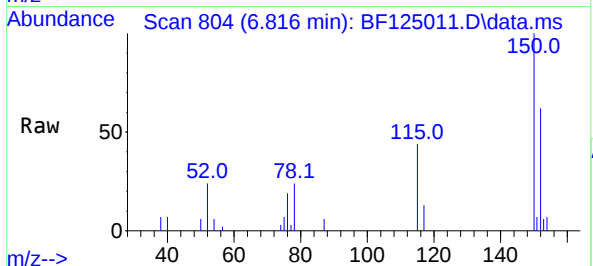
Quant Time: Aug 10 04:45:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 11:03:44 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF125011.D
Acq: 9 Aug 2021 20:28

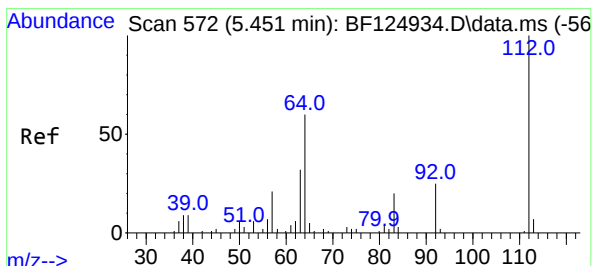
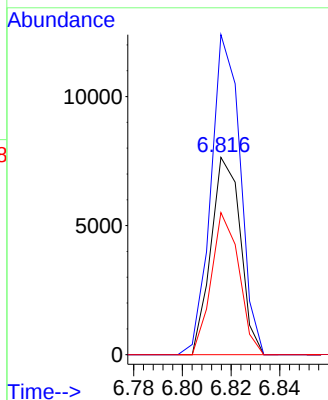
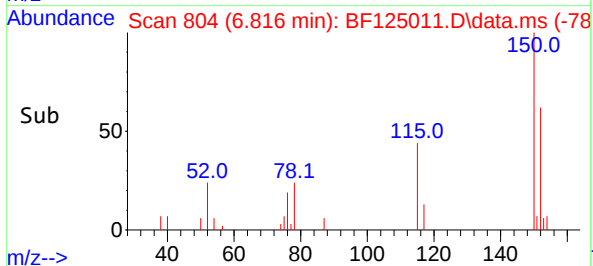
Instrument :
BNA_F
ClientSampleId :
CARLSTADT



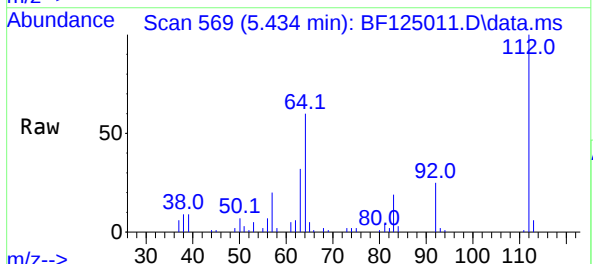
Tgt Ion:152 Resp: 6416
Ion Ratio Lower Upper
152 100
150 162.2 117.6 176.4
115 72.0 47.1 70.7#

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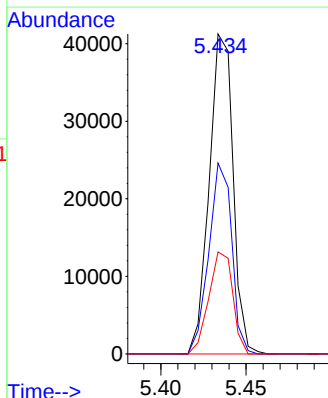
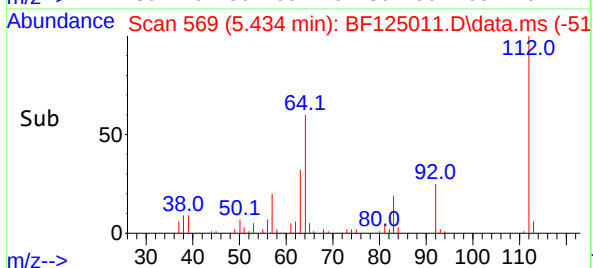
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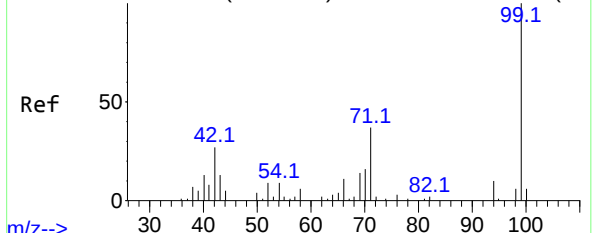
#5
2-Fluorophenol
Concen: 102.443 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF125011.D
Acq: 9 Aug 2021 20:28



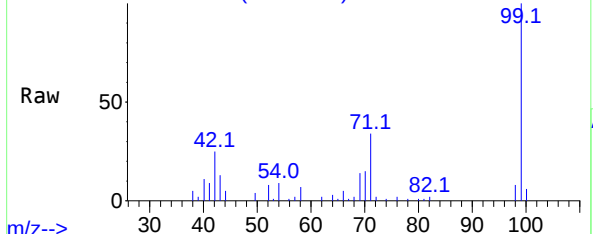
Tgt Ion:112 Resp: 40124
Ion Ratio Lower Upper
112 100
64 59.6 44.2 66.2
63 31.9 26.2 39.2



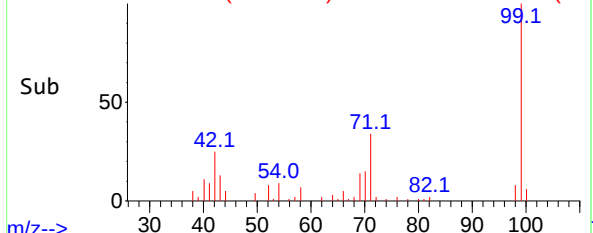
Abundance Scan 745 (6.469 min): BF124934.D\data.ms (-73



m/z--> Scan 742 (6.451 min): BF125011.D\data.ms

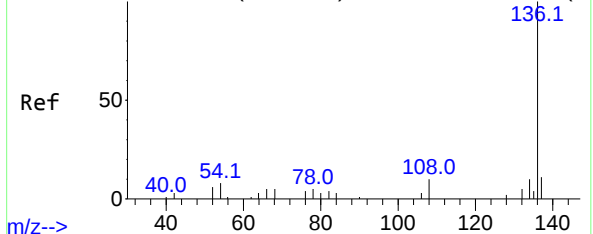


Abundance Scan 742 (6.451 min): BF125011.D\data.ms (-69

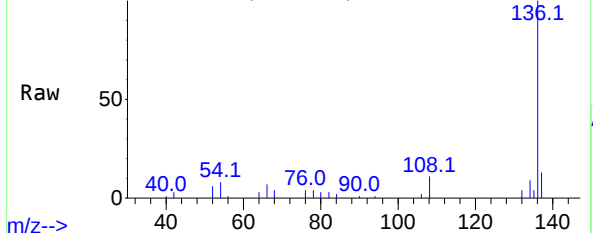


m/z-->

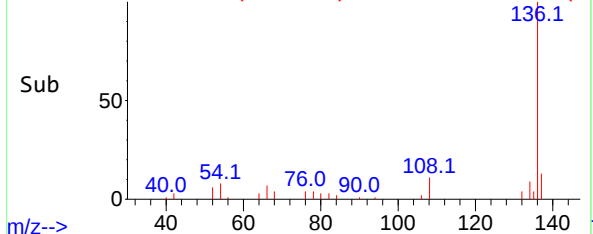
Abundance Scan 1026 (8.122 min): BF124934.D\data.ms (-1



m/z--> Scan 1022 (8.098 min): BF125011.D\data.ms



Abundance Scan 1022 (8.098 min): BF125011.D\data.ms (-9



m/z-->

#7

Phenol-d6

Concen: 100.330 ng

RT: 6.451 min Scan# 742

Delta R.T. -0.006 min

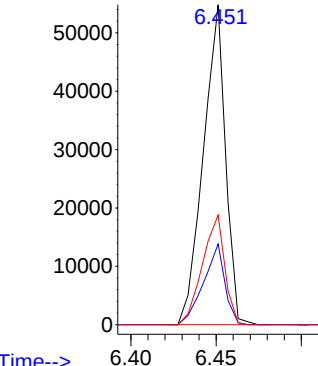
Lab File: BF125011.D

Acq: 9 Aug 2021 20:28

Tgt Ion: 99 Resp: 49550

Ion	Ratio	Lower	Upper
99	100		
42	25.2	23.5	35.3
71	34.3	25.6	38.4

Abundance



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.098 min Scan# 1022

Delta R.T. -0.006 min

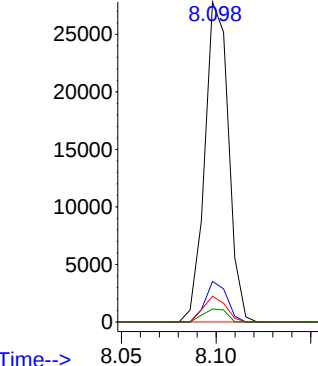
Lab File: BF125011.D

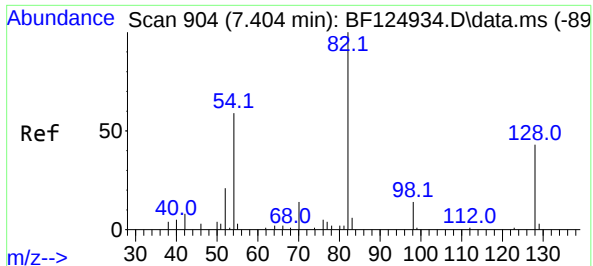
Acq: 9 Aug 2021 20:28

Tgt Ion: 136 Resp: 24294

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.8	14.6
54	8.0	6.4	9.6
68	4.0	3.3	4.9

Abundance





#23

Nitrobenzene-d5

Concen: 70.220 ng

RT: 7.380 min Scan# 900

Delta R.T. -0.012 min

Lab File: BF125011.D

Acq: 9 Aug 2021 20:28

Tgt Ion:	82	Resp:	32610
Ion	Ratio	Lower	Upper
82	100		
128	41.4	40.6	60.8
54	54.9	49.6	74.4

Instrument :

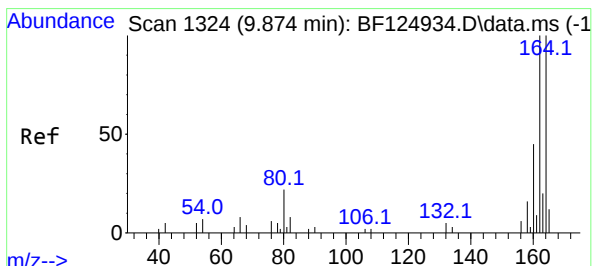
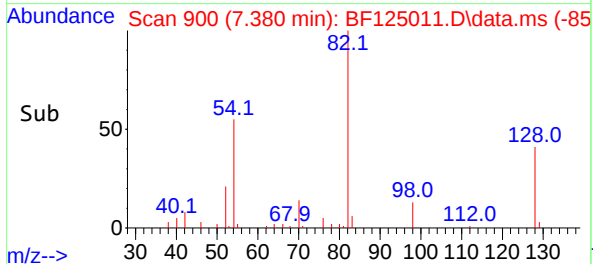
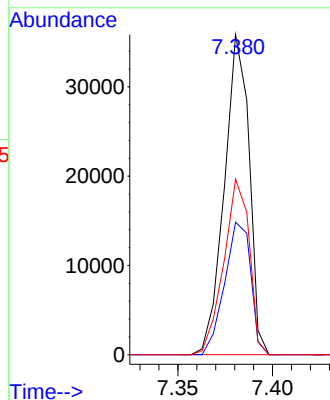
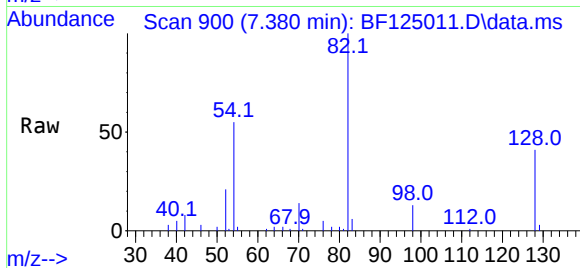
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#39

Acenaphthene-d10

Concen: 20.000 ng

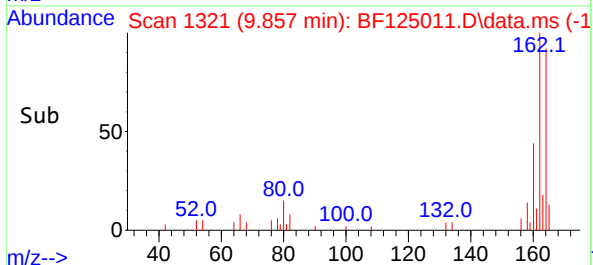
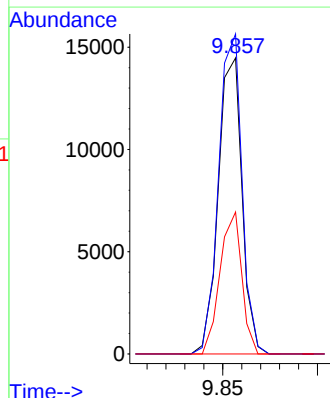
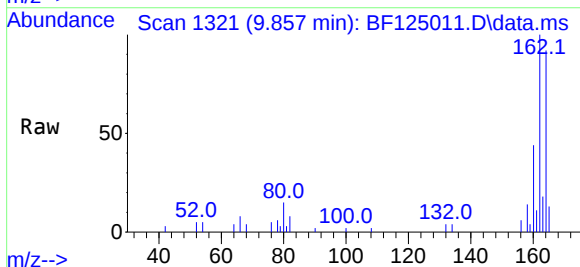
RT: 9.857 min Scan# 1321

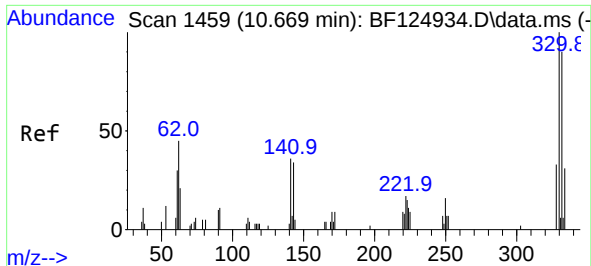
Delta R.T. -0.006 min

Lab File: BF125011.D

Acq: 9 Aug 2021 20:28

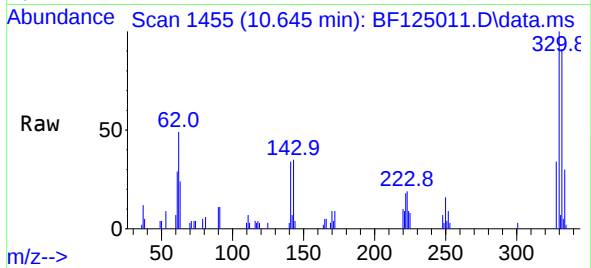
Tgt Ion:	164	Resp:	12639
Ion	Ratio	Lower	Upper
164	100		
162	108.1	81.3	121.9
160	48.0	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 102.279 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF125011.D
Acq: 9 Aug 2021 20:28

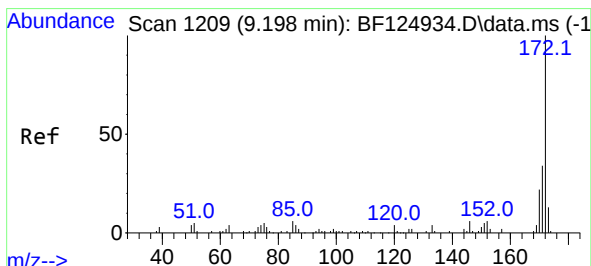
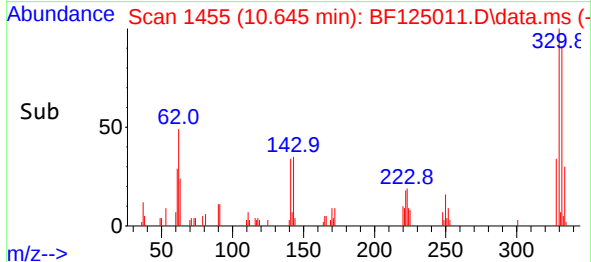
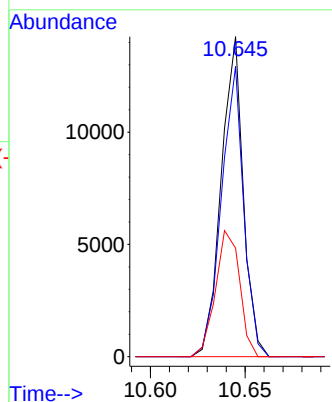
Instrument :
BNA_F
ClientSampleID :
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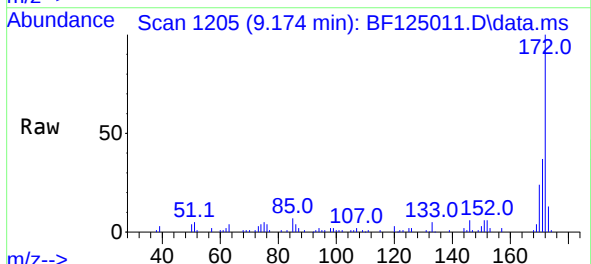
Tgt Ion:330 Resp: 11549
Ion Ratio Lower Upper
330 100
332 91.3 76.2 114.4
141 43.3 44.6 66.8#

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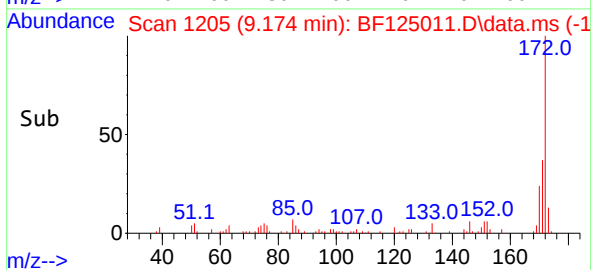
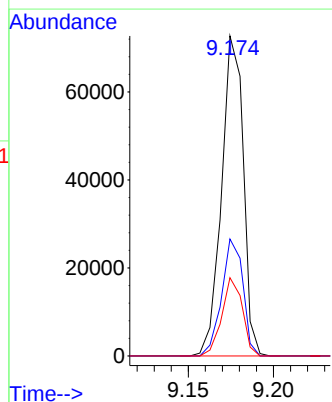
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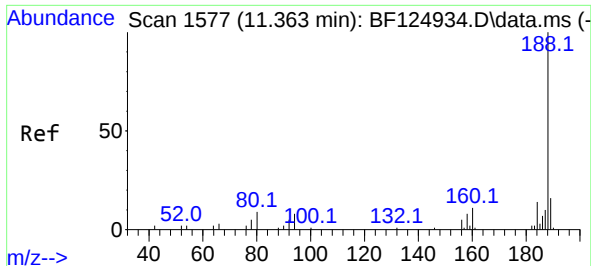


#45
2-Fluorobiphenyl
Concen: 74.661 ng
RT: 9.174 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125011.D
Acq: 9 Aug 2021 20:28



Tgt Ion:172 Resp: 64490
Ion Ratio Lower Upper
172 100
171 36.6 26.5 39.7
170 24.5 18.8 28.2





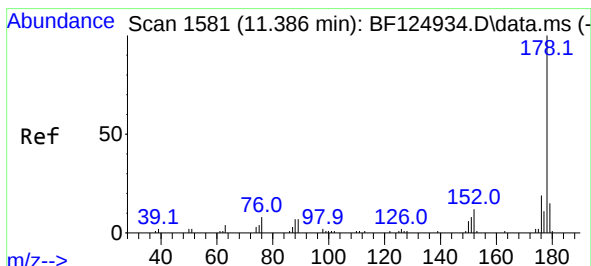
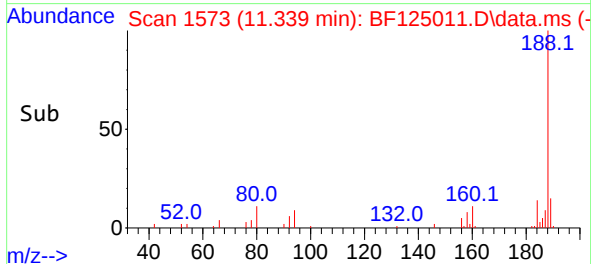
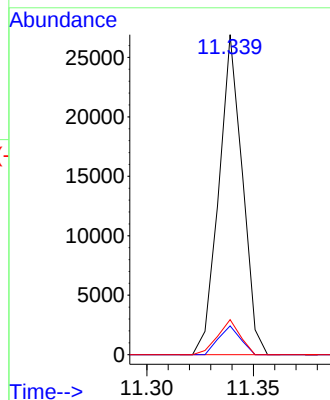
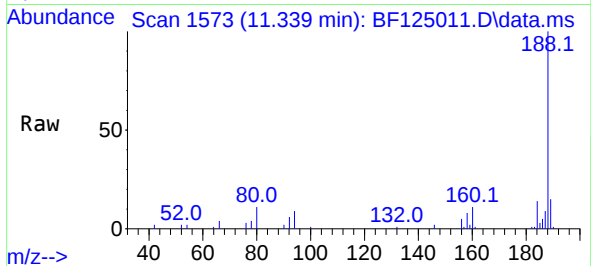
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF125011.D
Acq: 9 Aug 2021 20:28

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:188 Resp: 20675
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 11.0 7.5 11.3

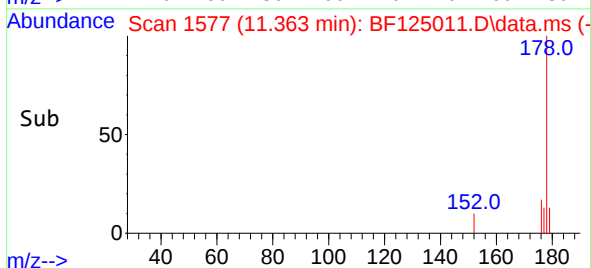
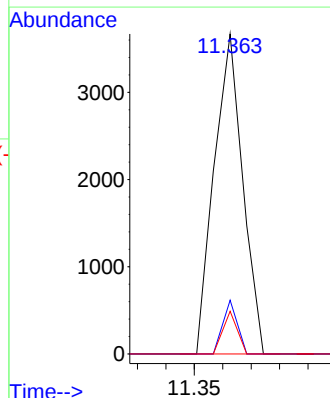
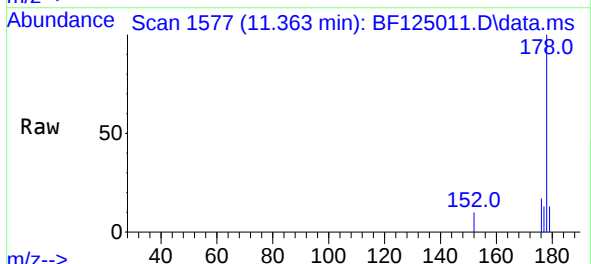
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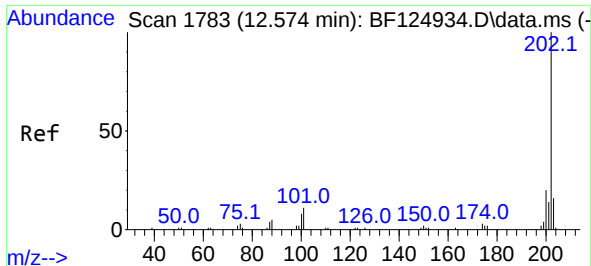
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#71
Phenanthrene
Concen: 2.278 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF125011.D
Acq: 9 Aug 2021 20:28

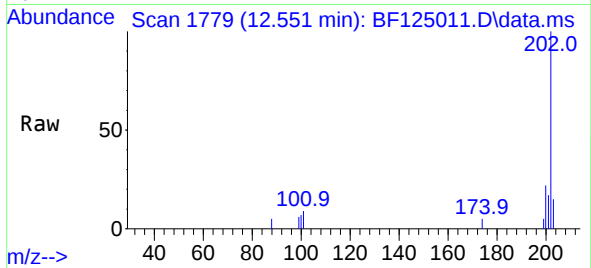
Tgt Ion:178 Resp: 2555
Ion Ratio Lower Upper
178 100
176 16.8 14.7 22.1
179 13.4 11.5 17.3





#75
Fluoranthene
Concen: 4.494 ng
RT: 12.551 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BF125011.D
Acq: 9 Aug 2021 20:28

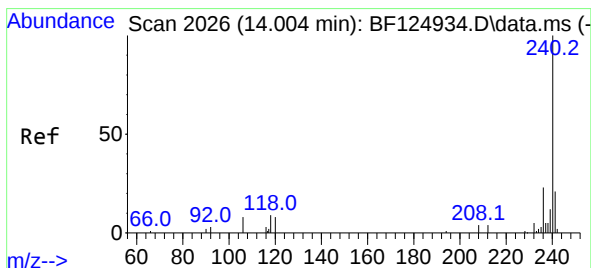
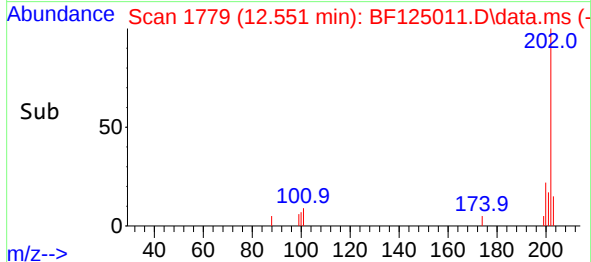
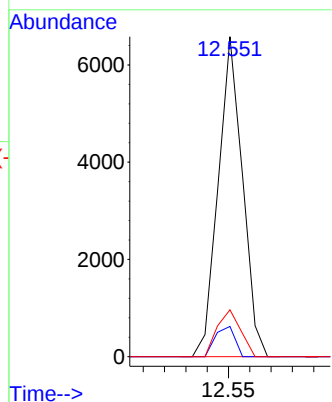
Instrument :
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Tgt Ion:202 Resp: 5214
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.7
203 14.7 0.0 36.3

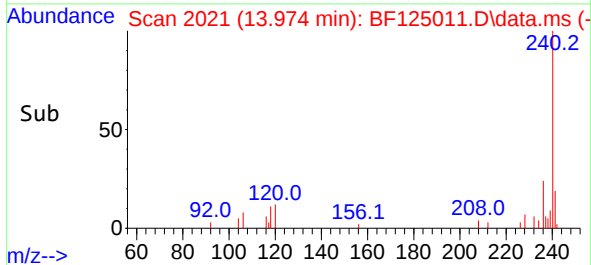
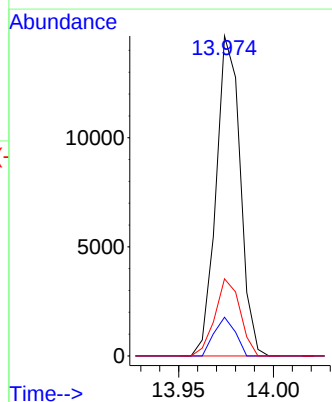
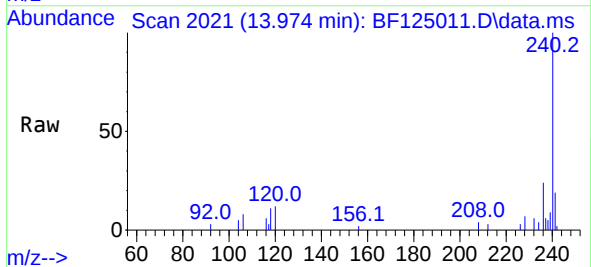
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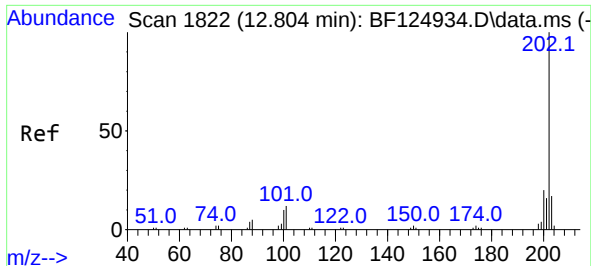
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF125011.D
Acq: 9 Aug 2021 20:28

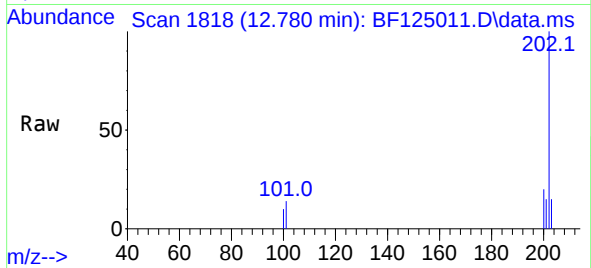
Tgt Ion:240 Resp: 12998
Ion Ratio Lower Upper
240 100
120 12.1 10.8 16.2
236 24.1 21.6 32.4





#78
Pyrene
Concen: 4.601 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF125011.D
Acq: 9 Aug 2021 20:28

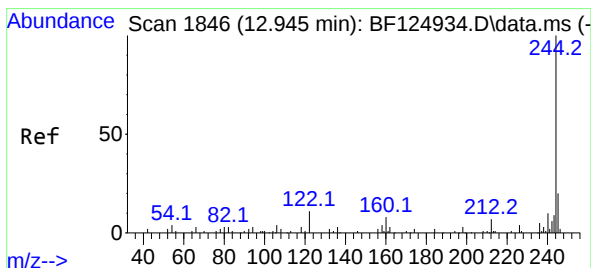
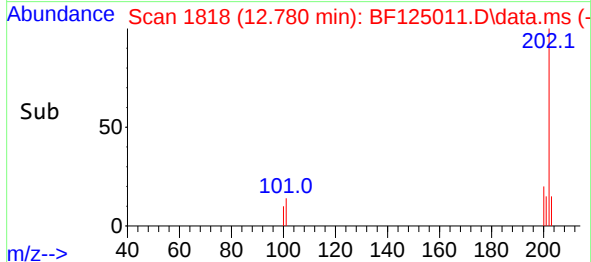
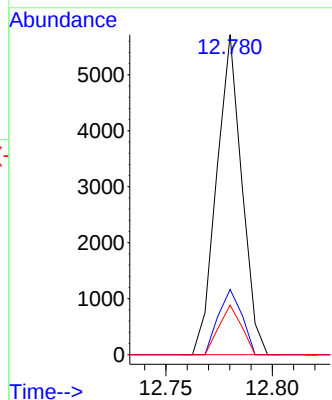
Instrument :
BNA_F
ClientSampleId :
CARLSTADT



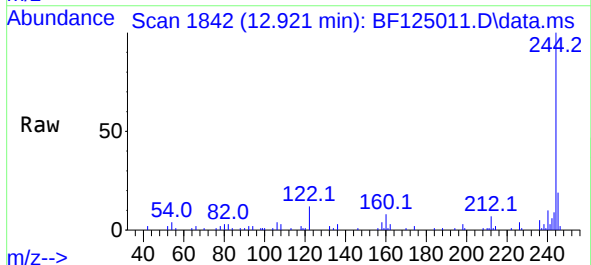
Tgt Ion:202 Resp: 4711
Ion Ratio Lower Upper
202 100
200 20.4 15.3 22.9
203 15.5 13.4 20.0

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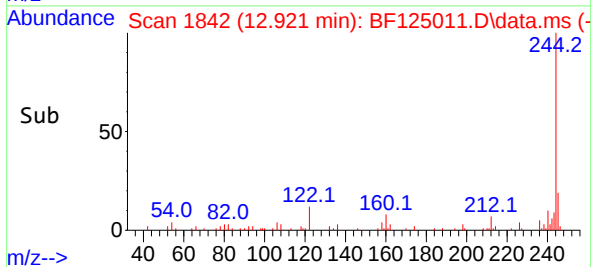
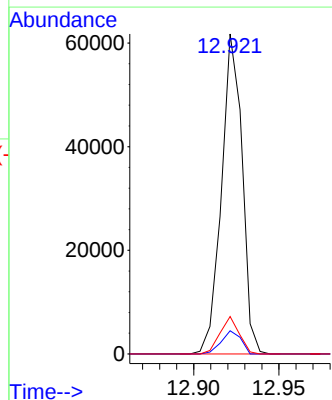
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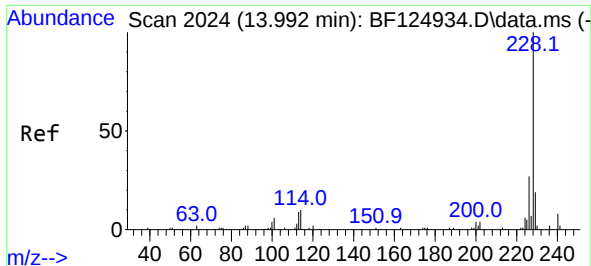


#79
Terphenyl-d14
Concen: 67.613 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF125011.D
Acq: 9 Aug 2021 20:28



Tgt Ion:244 Resp: 52100
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.7 9.0 13.4





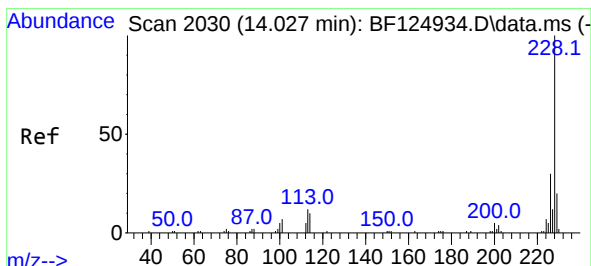
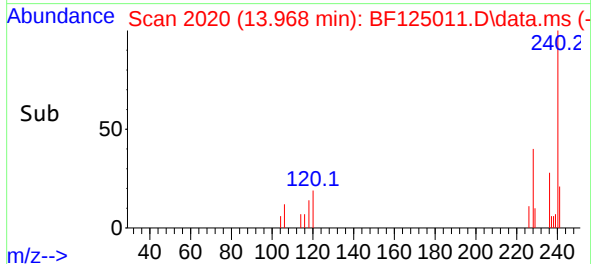
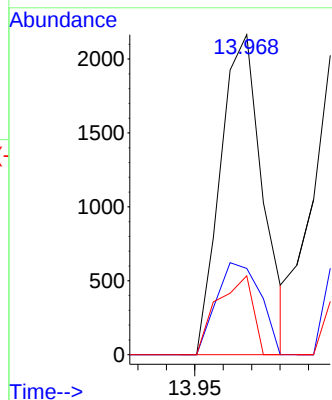
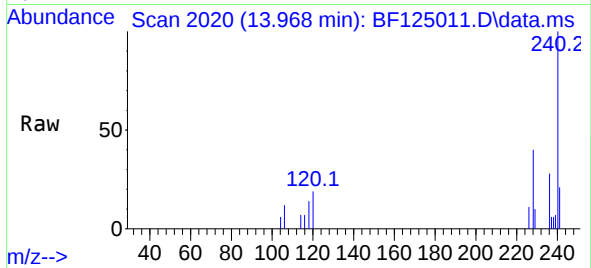
#81
Benzo(a)anthracene
Concen: 2.657 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125011.D
Acq: 9 Aug 2021 20:28

Tgt Ion:	228	Resp:	2251
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.6	32.4
229	24.7	15.6	23.4#

Instrument :
BNA_F
ClientSampleId :
CARLSTADT

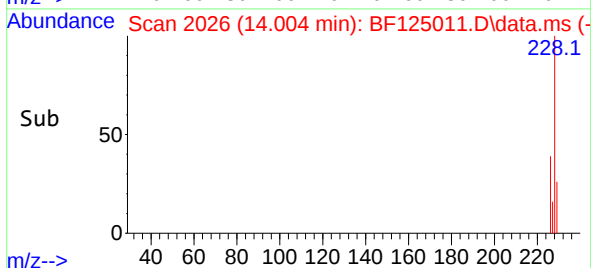
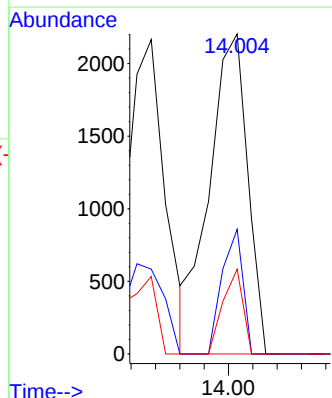
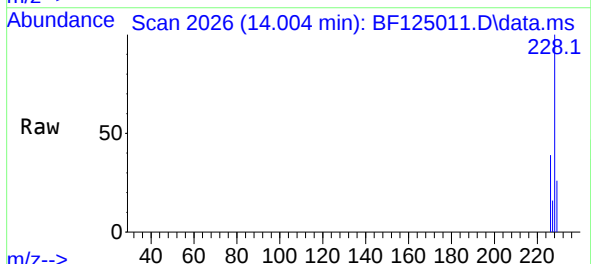
Manual Integrations
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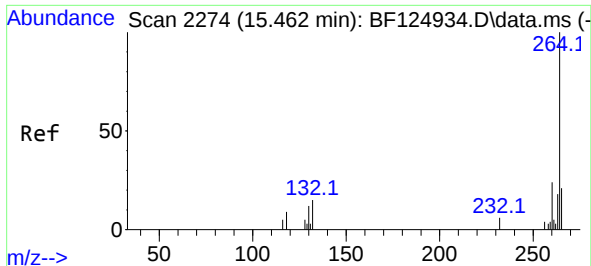
mohammad
8/10/2021 4:34:51 PM



#83
Chrysene
Concen: 2.938 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF125011.D
Acq: 9 Aug 2021 20:28

Tgt Ion:	228	Resp:	2406
Ion	Ratio	Lower	Upper
228	100		
226	39.0	22.6	34.0#
229	26.5	15.9	23.9#





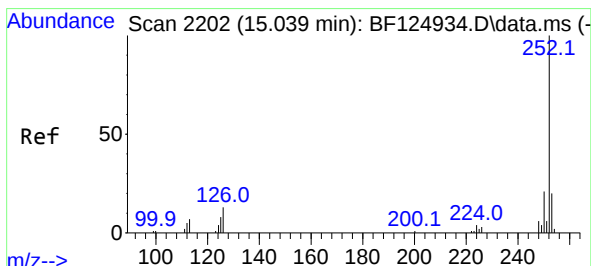
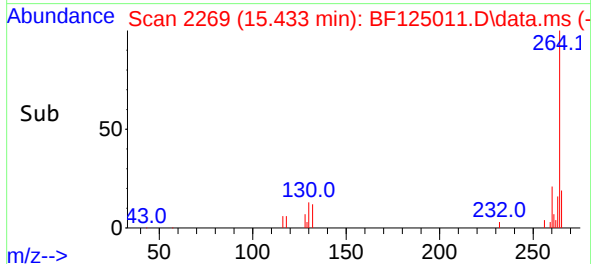
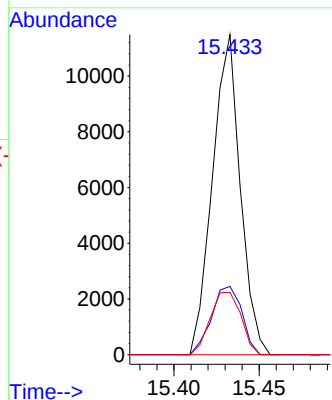
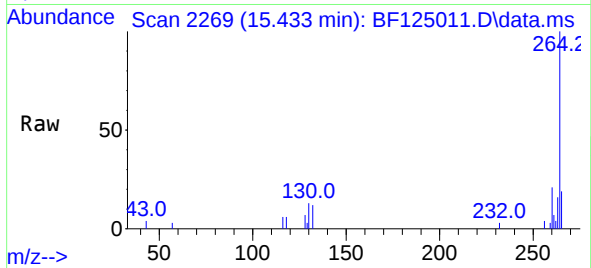
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF125011.D
Acq: 9 Aug 2021 20:28

Tgt Ion:264	Resp:	13015
Ion Ratio	Lower	Upper
264	100	
260	21.3	19.6 29.4
265	19.5	17.2 25.8

Instrument :
BNA_F
ClientSampleId :
CARLSTADT

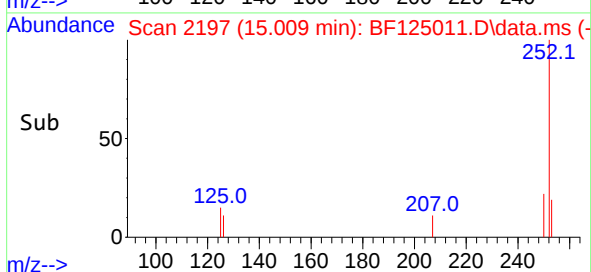
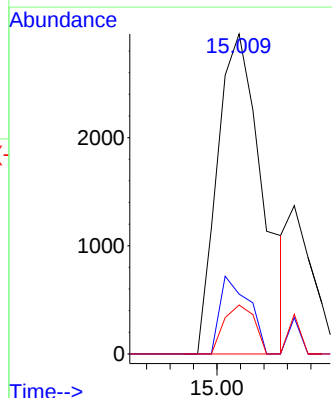
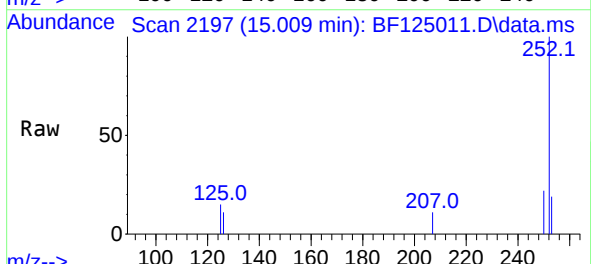
Manual Integrations
APPROVED

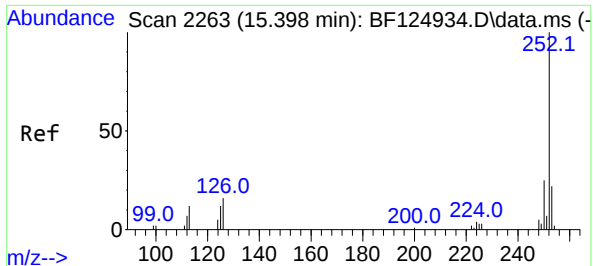
mohammad
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#88
Benzo(b)fluoranthene
Concen: 4.321 ng m
RT: 15.009 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF125011.D
Acq: 9 Aug 2021 20:28

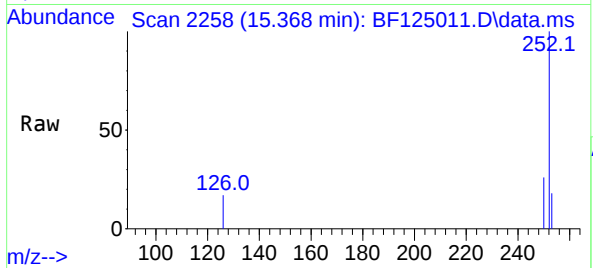
Tgt Ion:252	Resp:	3949
Ion Ratio	Lower	Upper
252	100	
253	18.7	16.8 25.2
125	15.3	9.8 14.8#





#90
Benzo(a)pyrene
Concen: 3.211 ng
RT: 15.368 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BF125011.D
Acq: 9 Aug 2021 20:28

Instrument :
BNA_F
ClientSampleId :
CARLSTADT



Tgt Ion:252 Resp: 2499
Ion Ratio Lower Upper
252 100
253 17.7 18.4 27.6#
125 0.0 9.9 14.9#

Manual Integrations
APPROVED

mohammad
8/10/2021 4:34:51 PM

