

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
 Data File : BF125021.D
 Acq On : 10 Aug 2021 1:55
 Operator : JU/CG
 Sample : M3295-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-022-ABCD

Manual Integrations
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Quant Time: Aug 10 04:47:55 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	6.822	152	5373	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	18039	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	8293	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	13279	20.000	ng	0.00
76) Chrysene-d12	13.980	240	12141	20.000	ng	0.00
86) Perylene-d12	15.439	264	8400	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	38450	117.226	ng	0.00
7) Phenol-d6	6.463	99	43644	105.526	ng	0.00
23) Nitrobenzene-d5	7.387	82	29377	85.193	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	8274	111.676	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	49408	87.177	ng	0.00
79) Terphenyl-d14	12.927	244	51311	71.289	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.557	202	3107	4.169	ng	89
78) Pyrene	12.786	202	3376	3.530	ng	98
81) Benzo(a)anthracene	13.968	228	2181	2.757	ng	97
83) Chrysene	14.004	228	1642	2.147	ng	94
88) Benzo(b)fluoranthene	15.015	252	2197m	3.725	ng	
90) Benzo(a)pyrene	15.374	252	1373	2.734	ng	# 88

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

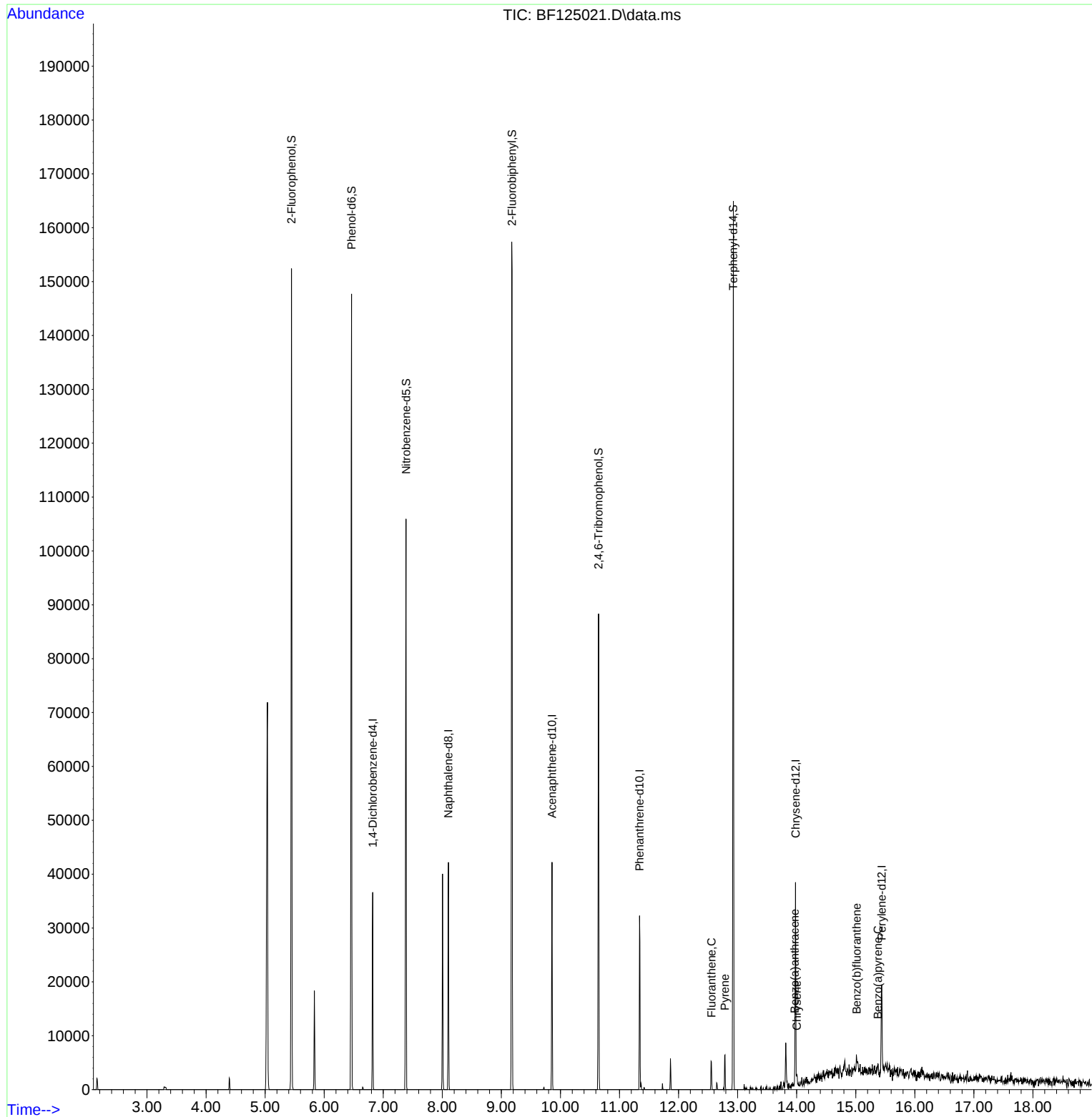
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
Data File : BF125021.D
Acq On : 10 Aug 2021 1:55
Operator : JU/CG
Sample : M3295-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

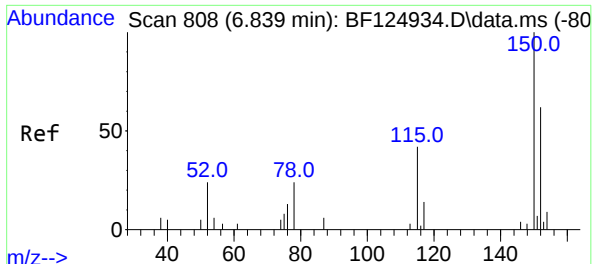
Instrument :
BNA_F
ClientSampleId :
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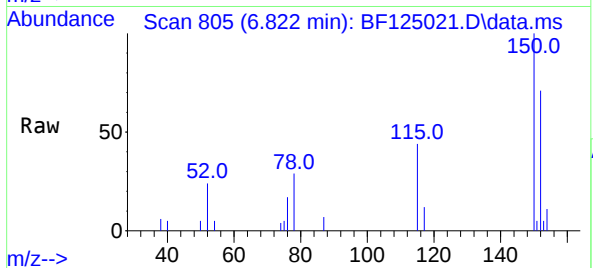
Quant Time: Aug 10 04:47:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 11:03:44 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF125021.D
Acq: 10 Aug 2021 1:55

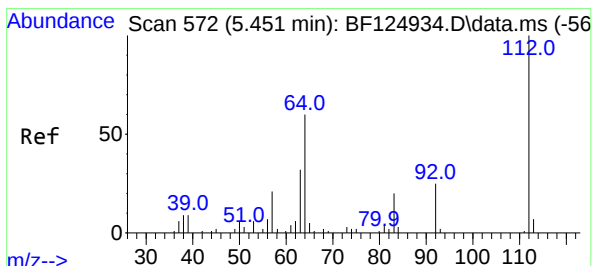
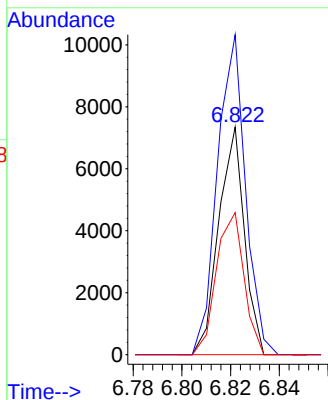
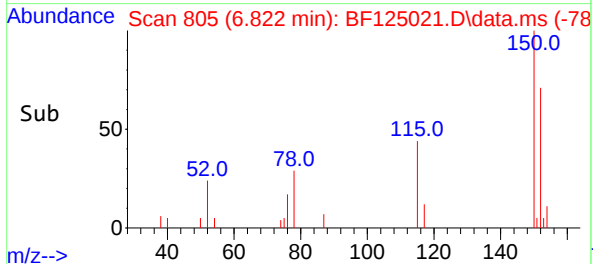
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-022-ABCD



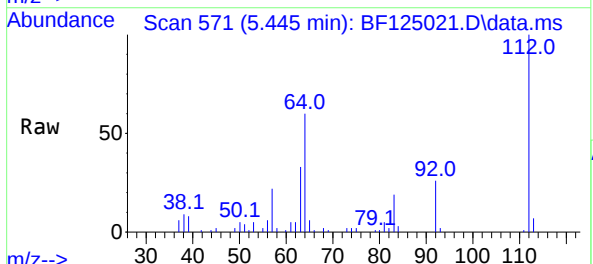
Tgt Ion:152 Resp: 5373
Ion Ratio Lower Upper
152 100
150 140.5 117.6 176.4
115 62.4 47.1 70.7

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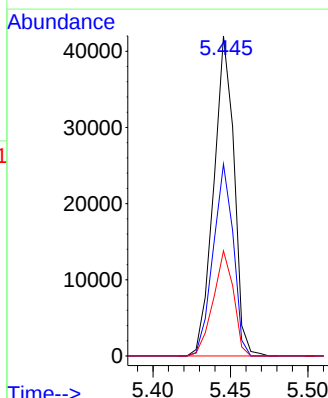
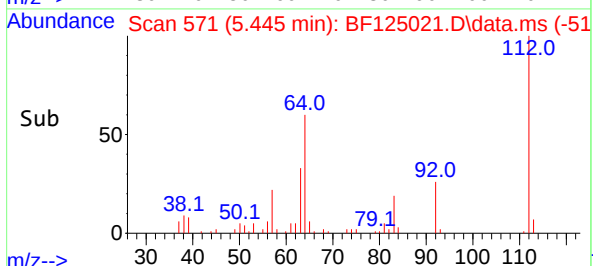
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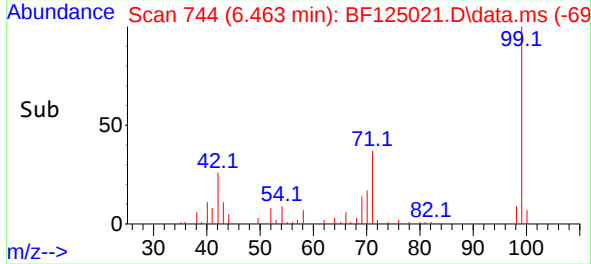
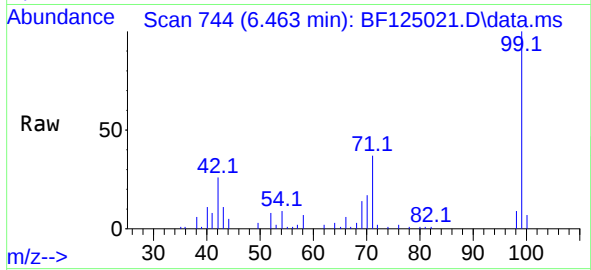
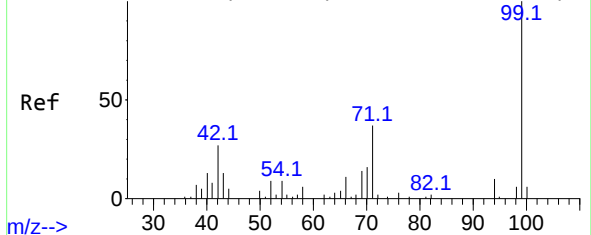
#5
2-Fluorophenol
Concen: 117.226 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF125021.D
Acq: 10 Aug 2021 1:55



Tgt Ion:112 Resp: 38450
Ion Ratio Lower Upper
112 100
64 59.9 44.2 66.2
63 32.8 26.2 39.2



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



#7

Phenol-d6

Concen: 105.526 ng

RT: 6.463 min Scan# 744

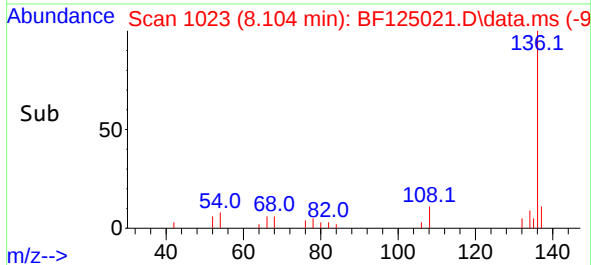
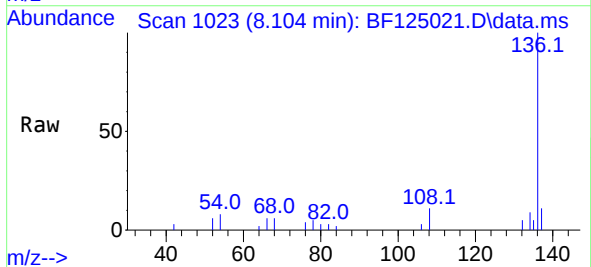
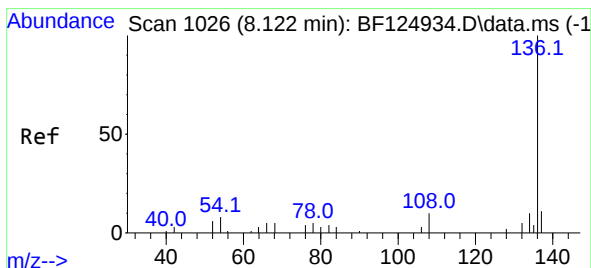
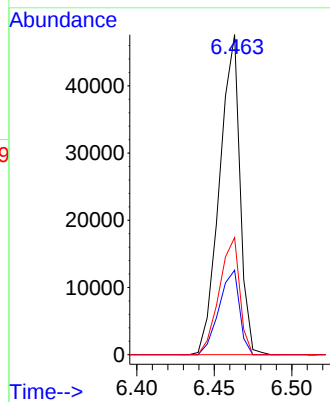
Delta R.T. 0.006 min

Lab File: BF125021.D

Acq: 10 Aug 2021 1:55

Tgt Ion: 99 Resp: 43644

Ion	Ratio	Lower	Upper
99	100		
42	26.4	23.5	35.3
71	36.6	25.6	38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.104 min Scan# 1023

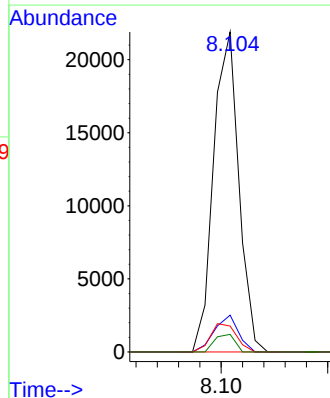
Delta R.T. 0.000 min

Lab File: BF125021.D

Acq: 10 Aug 2021 1:55

Tgt Ion: 136 Resp: 18039

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.8	14.6
54	8.1	6.4	9.6
68	5.5	3.3	4.9



Instrument :

BNA_F

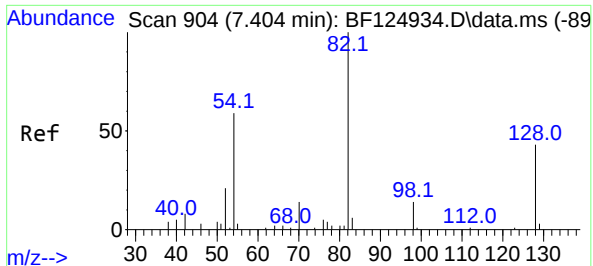
ClientSampleId :

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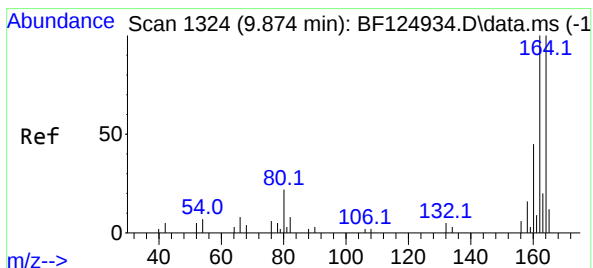
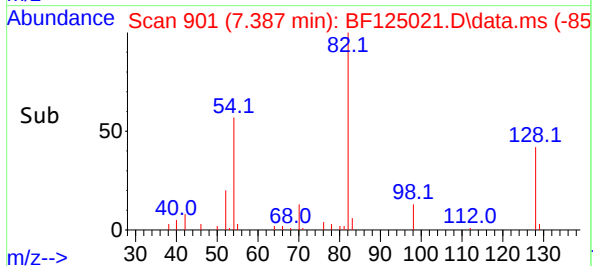
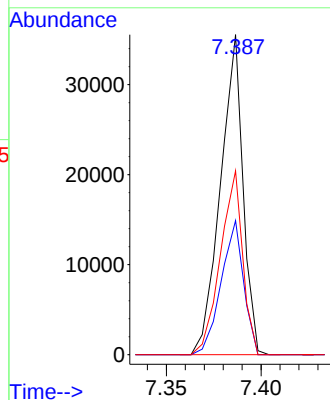
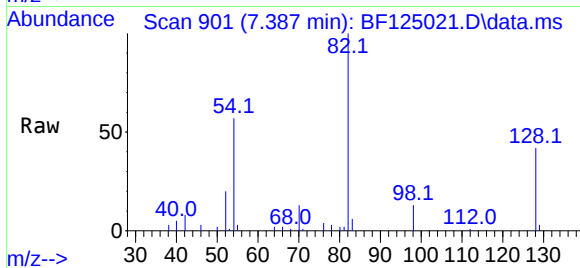
#23
Nitrobenzene-d5
Concen: 85.193 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF125021.D
Acq: 10 Aug 2021 1:55

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-022-ABCD

Tgt Ion: 82 Resp: 29377
Ion Ratio Lower Upper
82 100
128 41.9 40.6 60.8
54 57.4 49.6 74.4

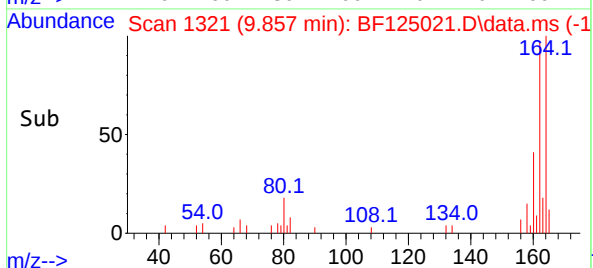
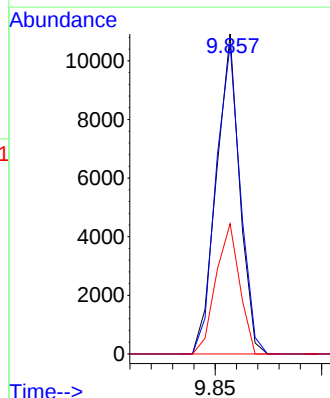
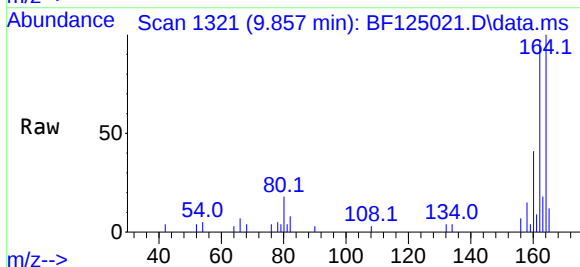
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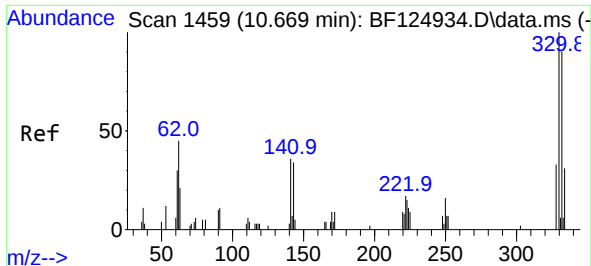
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125021.D
Acq: 10 Aug 2021 1:55

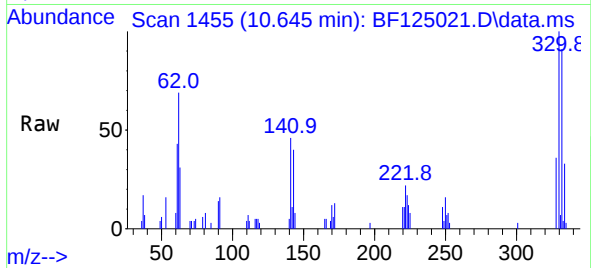
Tgt Ion: 164 Resp: 8293
Ion Ratio Lower Upper
164 100
162 96.7 81.3 121.9
160 40.7 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 111.676 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF125021.D
Acq: 10 Aug 2021 1:55

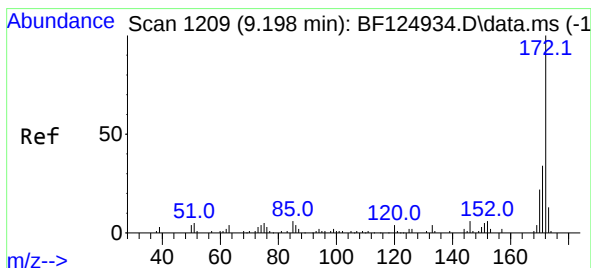
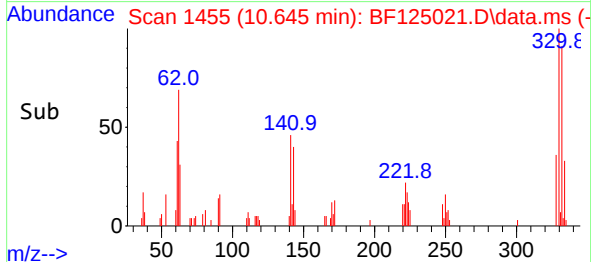
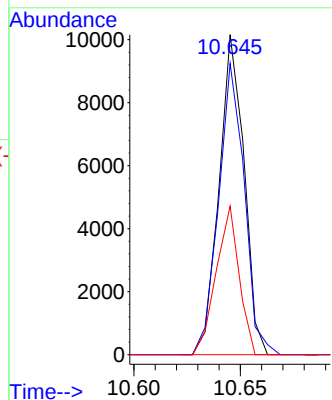
Instrument :
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ClientSampleId :
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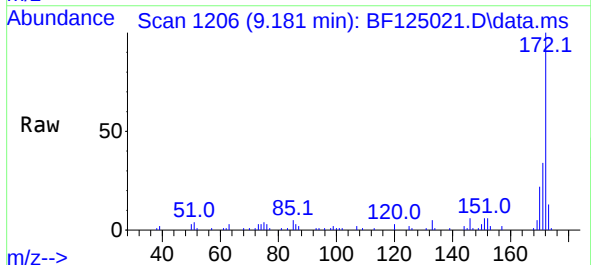
Tgt Ion: 330 Resp: 8274
Ion Ratio Lower Upper
330 100
332 93.8 76.2 114.4
141 42.7 44.6 66.8#

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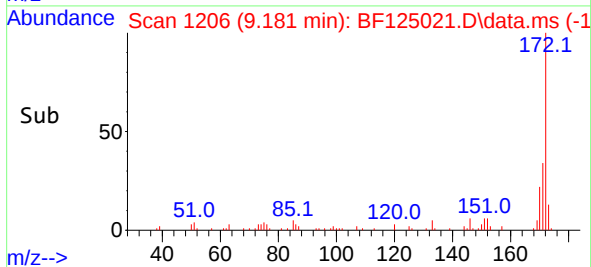
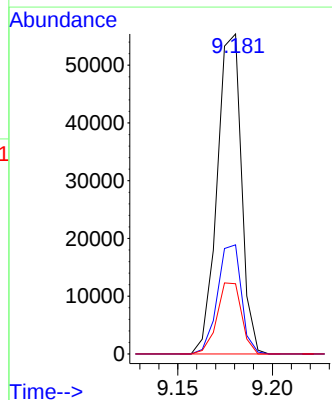
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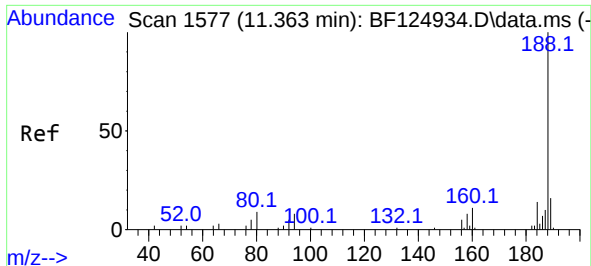


#45
2-Fluorobiphenyl
Concen: 87.177 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF125021.D
Acq: 10 Aug 2021 1:55



Tgt Ion: 172 Resp: 49408
Ion Ratio Lower Upper
172 100
171 34.1 26.5 39.7
170 21.9 18.8 28.2





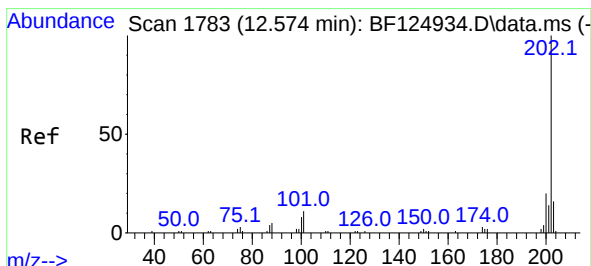
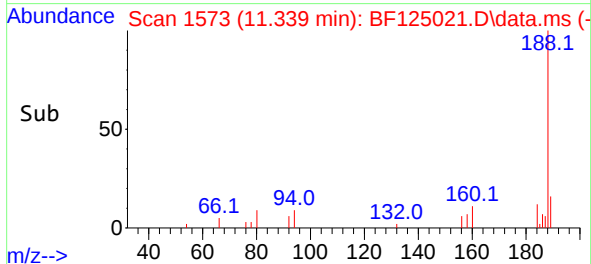
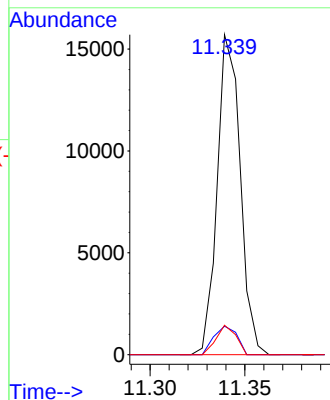
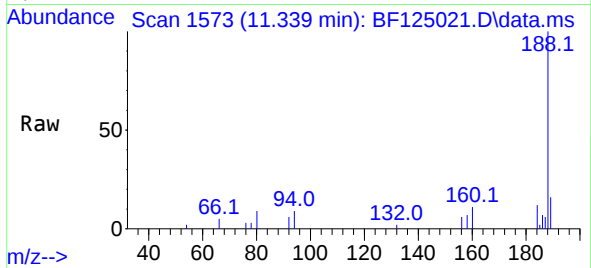
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF125021.D
Acq: 10 Aug 2021 1:55

Tgt Ion:188	Resp:	13279
Ion Ratio	Lower	Upper
188	100	
94	8.9	6.7 10.1
80	9.2	7.5 11.3

Instrument :
BNA_F
ClientSampleId :
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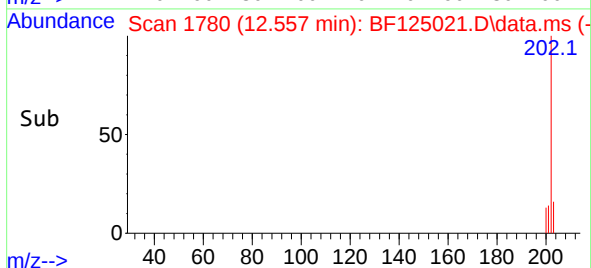
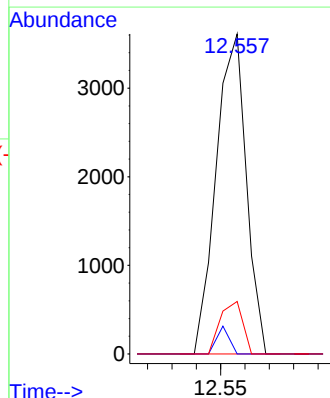
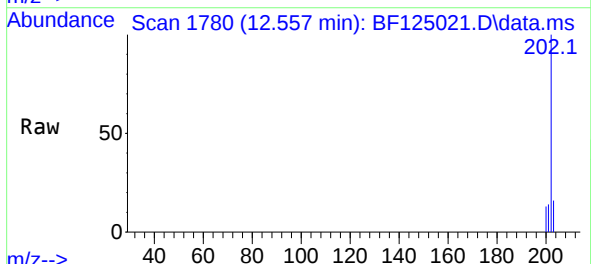
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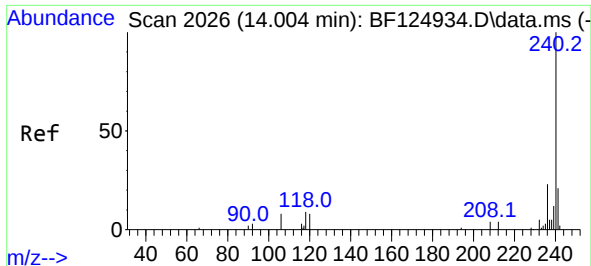
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#75
Fluoranthene
Concen: 4.169 ng
RT: 12.557 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BF125021.D
Acq: 10 Aug 2021 1:55

Tgt Ion:202	Resp:	3107
Ion Ratio	Lower	Upper
202	100	
101	0.0	0.0 30.7
203	16.4	0.0 36.3





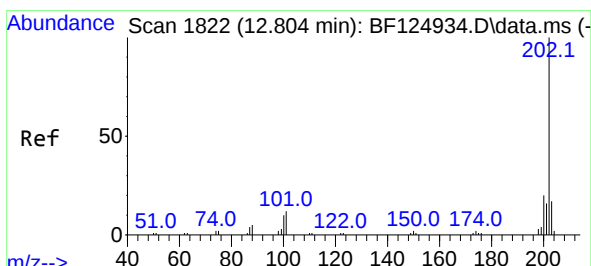
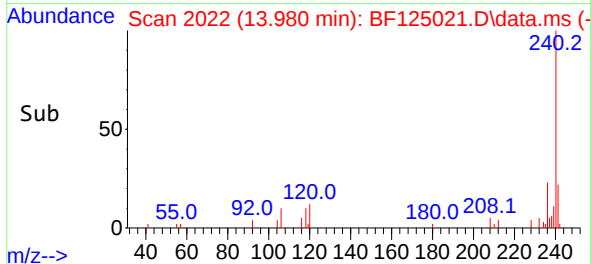
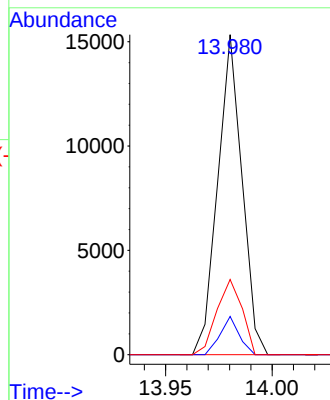
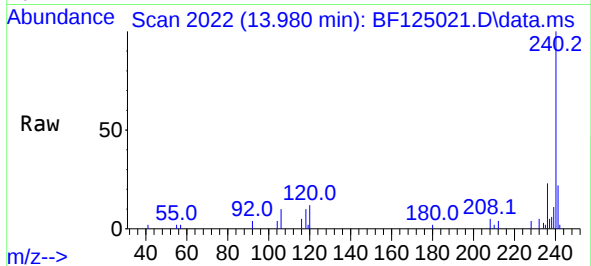
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF125021.D
Acq: 10 Aug 2021 1:55

Tgt Ion:	240	Resp:	12141
Ion Ratio	Lower	Upper	
240	100		
120	12.0	10.8	16.2
236	23.5	21.6	32.4

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-022-ABCD

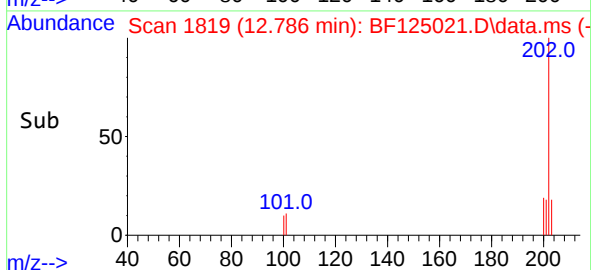
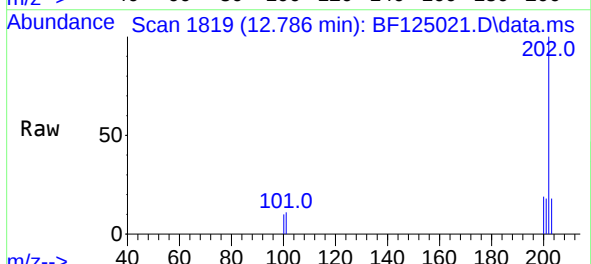
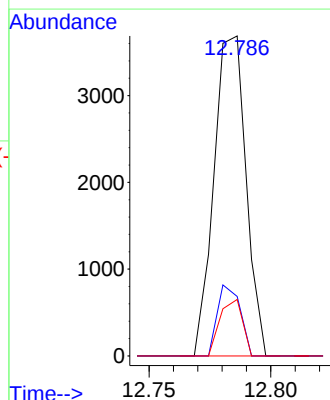
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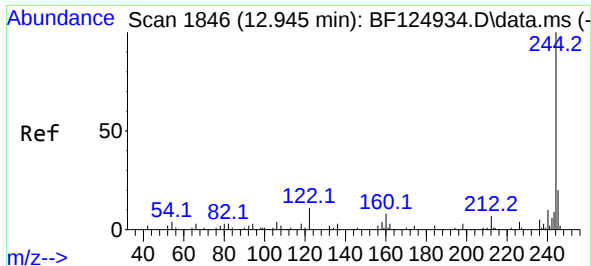
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#78
Pyrene
Concen: 3.530 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF125021.D
Acq: 10 Aug 2021 1:55

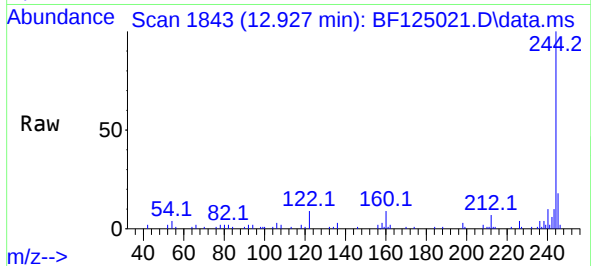
Tgt Ion:	202	Resp:	3376
Ion Ratio	Lower	Upper	
202	100		
200	18.6	15.3	22.9
203	17.6	13.4	20.0





#79
Terphenyl-d14
Concen: 71.289 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF125021.D
Acq: 10 Aug 2021 1:55

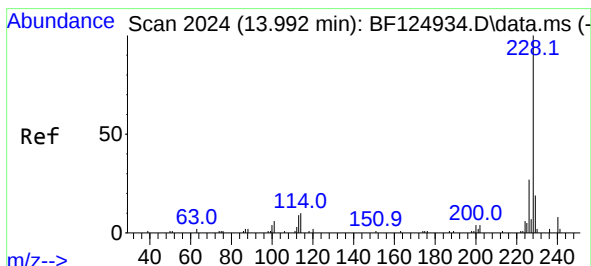
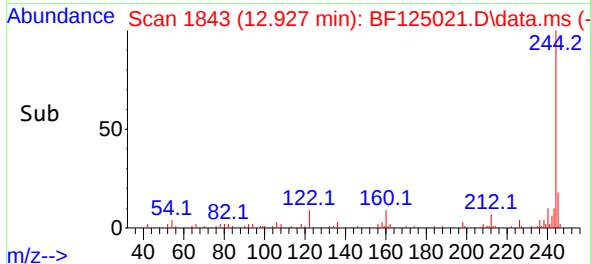
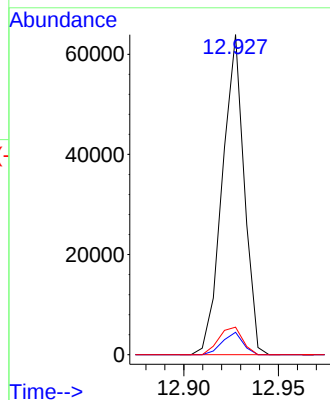
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-022-ABCD



Tgt Ion:244 Resp: 51311
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 8.6 9.0 13.4#

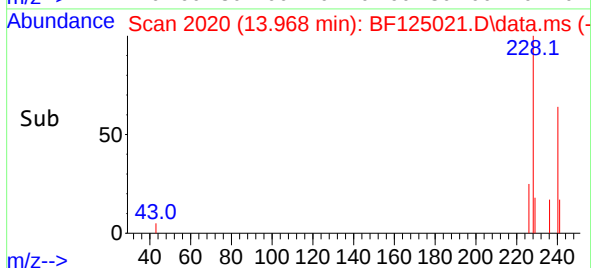
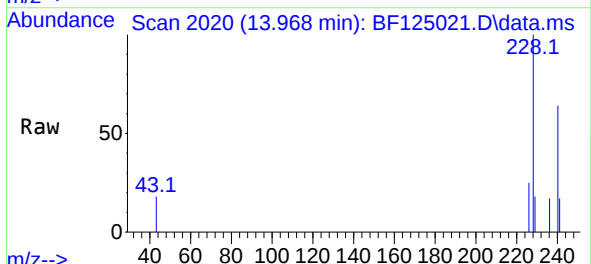
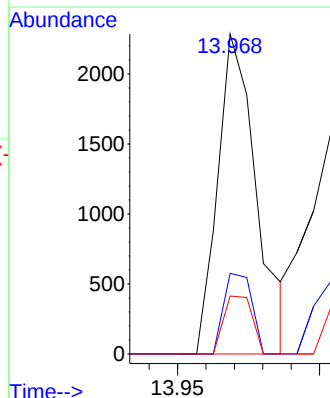
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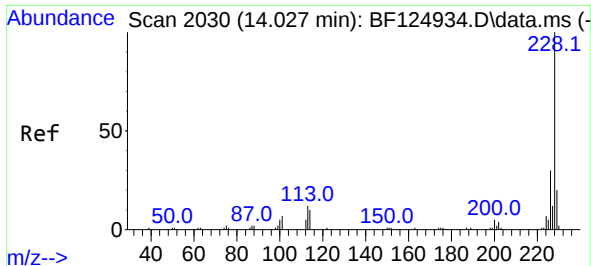
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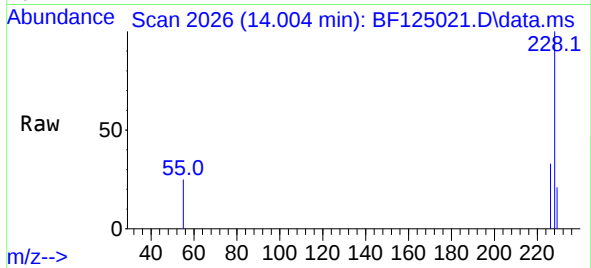
#81
Benzo(a)anthracene
Concen: 2.757 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125021.D
Acq: 10 Aug 2021 1:55

Tgt Ion:228 Resp: 2181
Ion Ratio Lower Upper
228 100
226 25.2 21.6 32.4
229 18.1 15.6 23.4

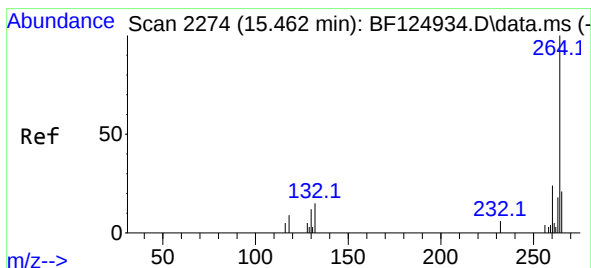
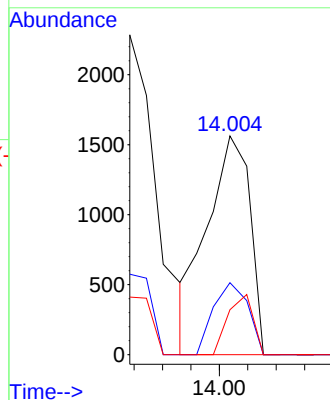
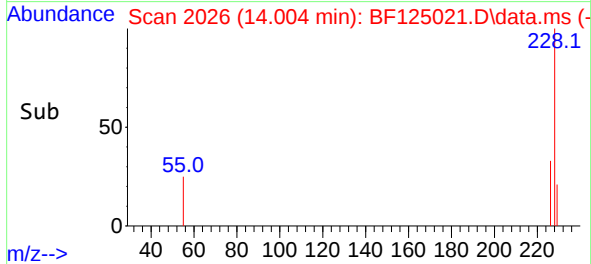




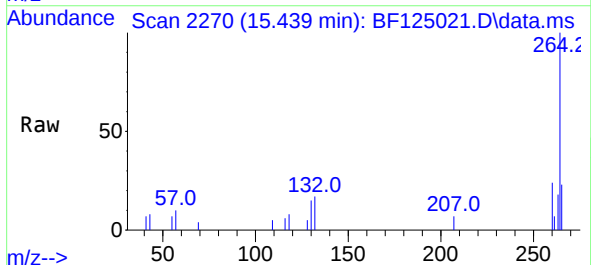
#83
Chrysene
Concen: 2.147 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF125021.D
Acq: 10 Aug 2021 1:55



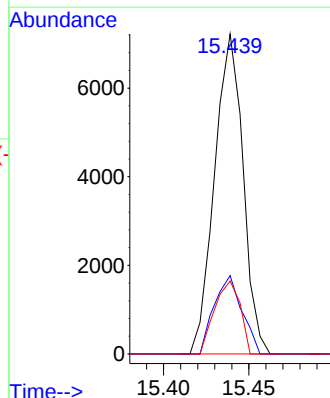
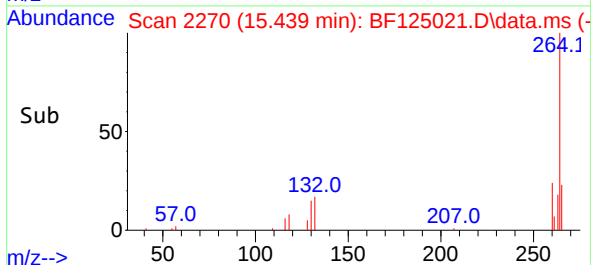
Tgt Ion:228 Resp: 1642
Ion Ratio Lower Upper
228 100
226 32.9 22.6 34.0
229 20.6 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF125021.D
Acq: 10 Aug 2021 1:55



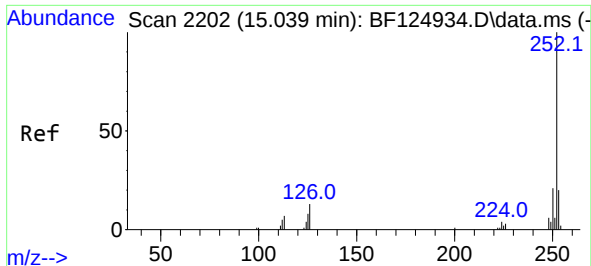
Tgt Ion:264 Resp: 8400
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 22.8 17.2 25.8



Instrument :
BNA_F
ClientSampleId :
FK-EF-01-022-ABCD

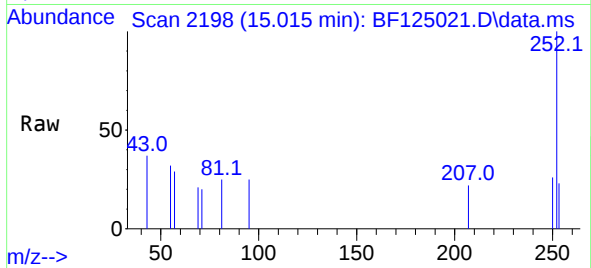
Manual Integrations
APPROVED

mohammad
8/10/2021 4:35:11 PM



#88
Benzo(b)fluoranthene
Concen: 3.725 ng m
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF125021.D
Acq: 10 Aug 2021 1:55

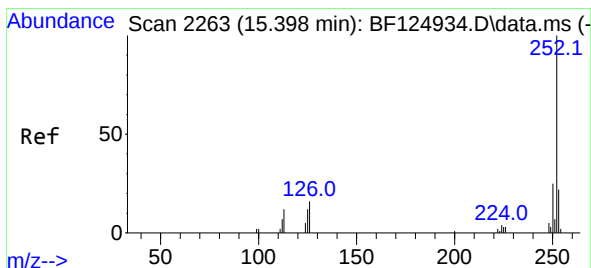
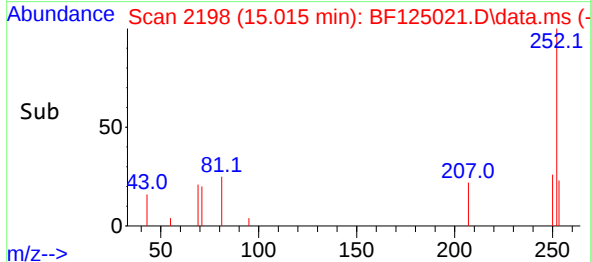
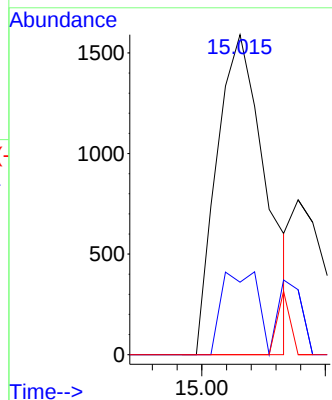
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-022-ABCD



Tgt Ion:252 Resp: 2197
Ion Ratio Lower Upper
252 100
253 22.6 16.8 25.2
125 0.0 9.8 14.8#

Manual Integrations
APPROVED

mohammad
8/10/2021 4:35:11 PM



#90
Benzo(a)pyrene
Concen: 2.734 ng
RT: 15.374 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BF125021.D
Acq: 10 Aug 2021 1:55

Tgt Ion:252 Resp: 1373
Ion Ratio Lower Upper
252 100
253 24.0 18.4 27.6
125 0.0 9.9 14.9#

