

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071521\
 Data File : BF124586.D
 Acq On : 15 Jul 2021 23:07
 Operator : JU/CG
 Sample : M3032-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071421

Manual Integrations
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Quant Time: Jul 16 02:52:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 07:49:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	4934	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	19441	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	9754	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	14502	20.000	ng	0.00
76) Chrysene-d12	14.092	240	10572	20.000	ng	0.00
86) Perylene-d12	15.586	264	10916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	29142	102.332	ng	0.00
7) Phenol-d6	6.539	99	33427	96.489	ng	0.00
23) Nitrobenzene-d5	7.486	82	20985	68.141	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	6787	89.415	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	49977	74.716	ng	0.00
79) Terphenyl-d14	13.039	244	40986	65.100	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.474	178	3780	4.778	ng	98
75) Fluoranthene	12.662	202	6839	8.568	ng	96
78) Pyrene	12.892	202	6767	7.704	ng	97
81) Benzo(a)anthracene	14.080	228	3362	4.795	ng	99
83) Chrysene	14.115	228	3245m	4.831	ng	
88) Benzo(b)fluoranthene	15.145	252	6326m	8.074	ng	
90) Benzo(a)pyrene	15.521	252	3677	5.685	ng	98

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

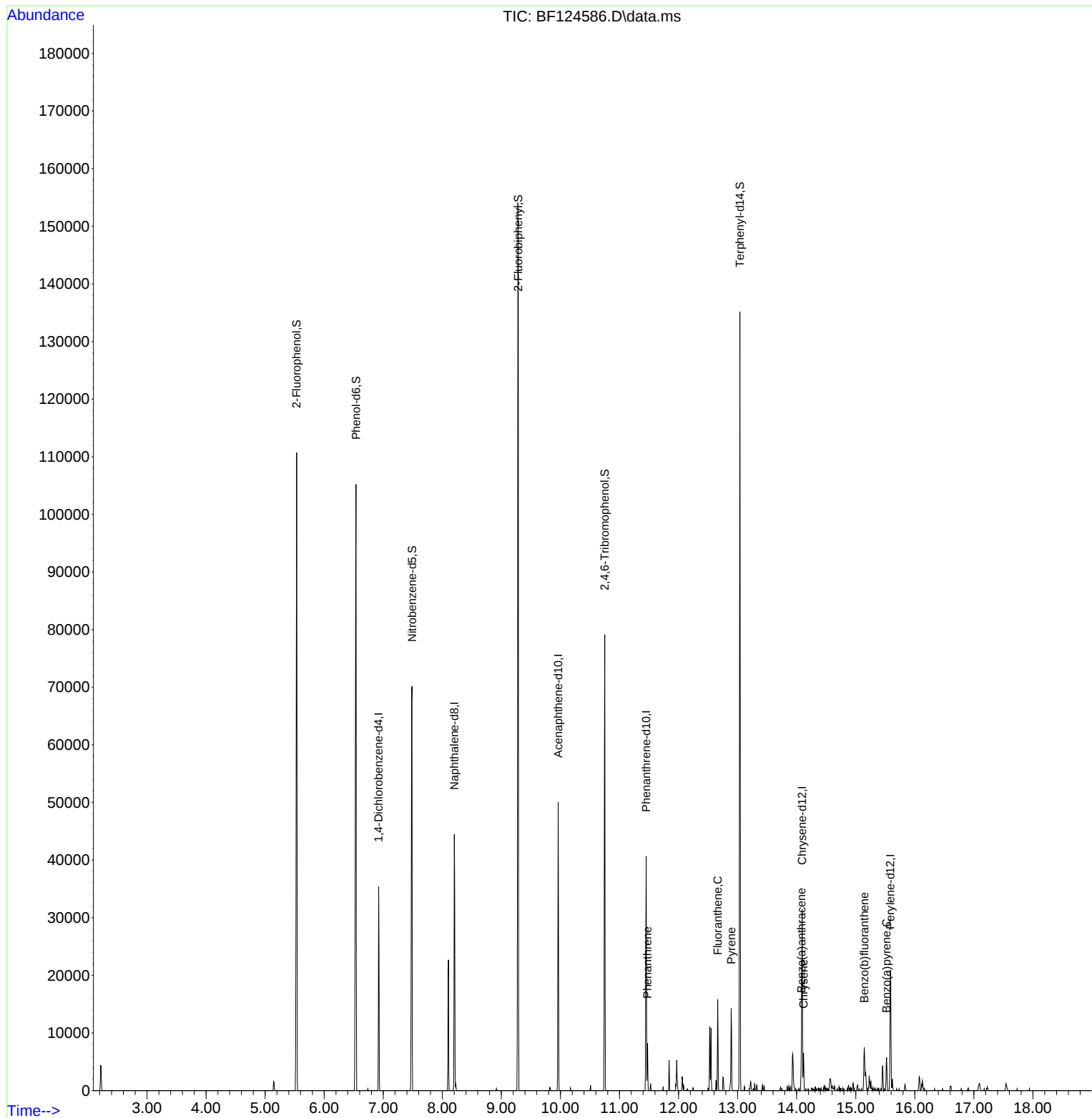
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071521\
Data File : BF124586.D
Acq On : 15 Jul 2021 23:07
Operator : JU/CG
Sample : M3032-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

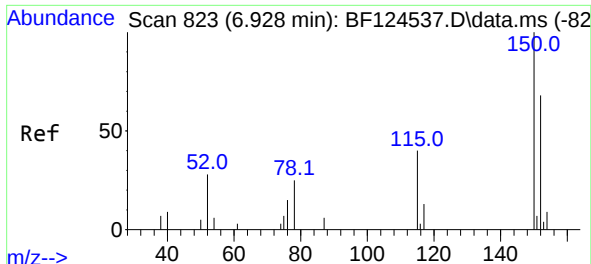
Instrument :
BNA_F
ClientSampleId :
NB-07-071421

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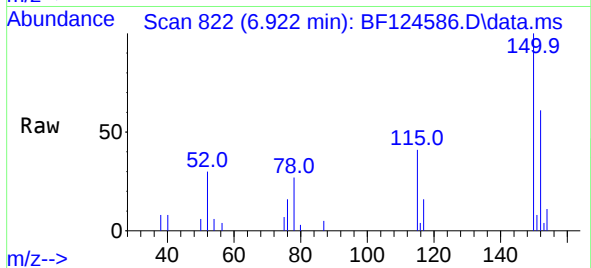
Quant Time: Jul 16 02:52:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 07:49:42 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

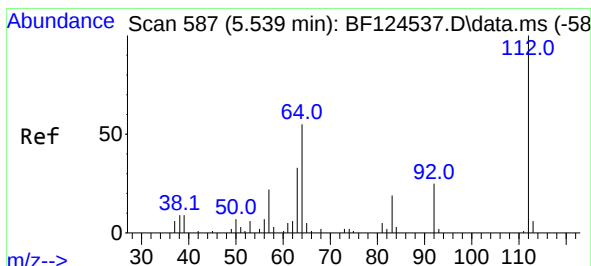
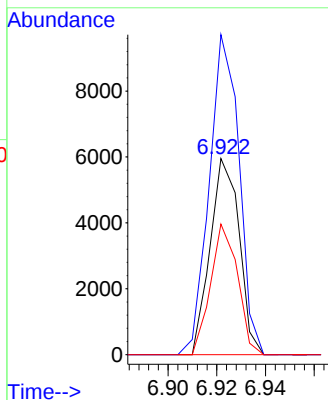
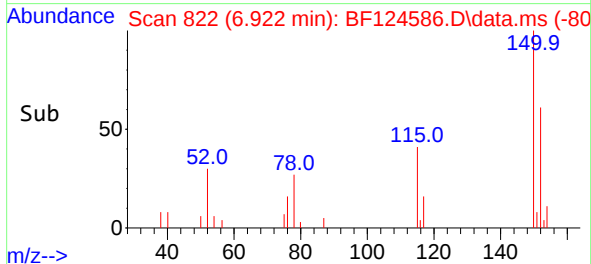
Instrument :
BNA_F
ClientSampleID :
NB-07-071421



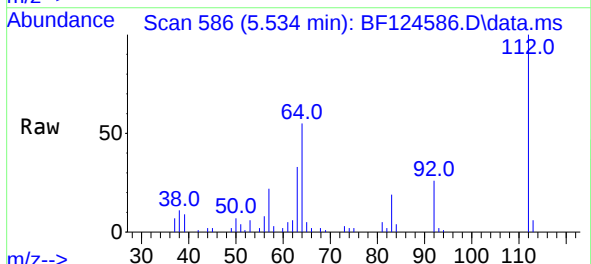
Tgt Ion:152 Resp: 4934
Ion Ratio Lower Upper
152 100
150 163.1 117.6 176.4
115 66.5 47.1 70.7

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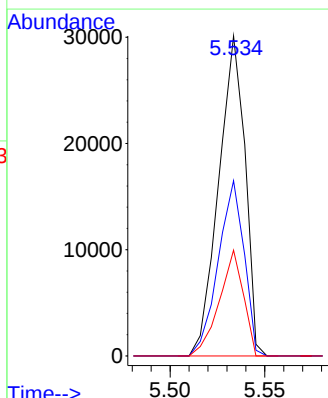
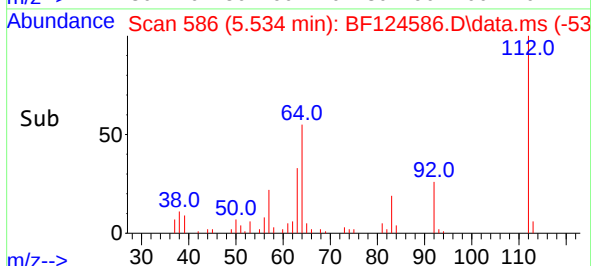
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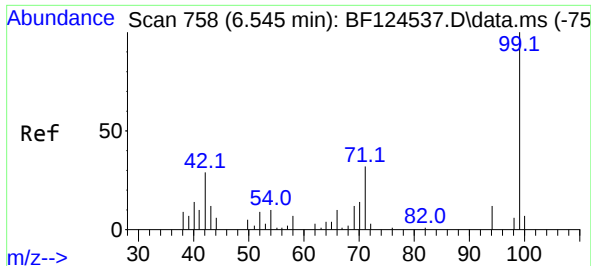


#5
2-Fluorophenol
Concen: 102.332 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.005 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07



Tgt Ion:112 Resp: 29142
Ion Ratio Lower Upper
112 100
64 54.8 44.2 66.2
63 33.1 26.2 39.2





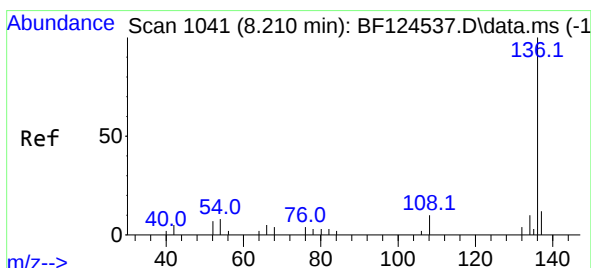
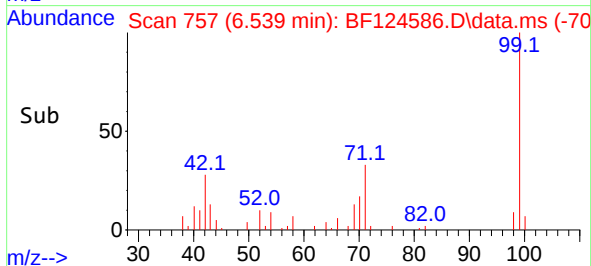
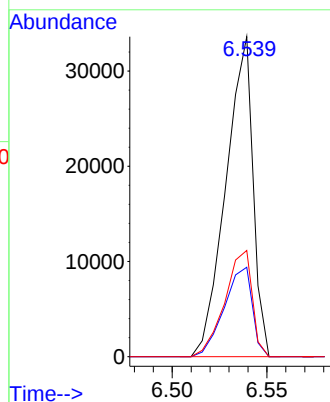
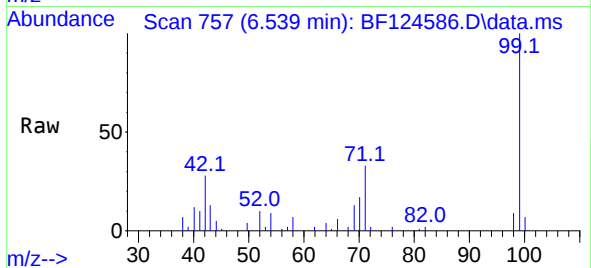
#7
Phenol-d6
Concen: 96.489 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

Tgt Ion:	99	Resp:	33427
Ion	Ratio	Lower	Upper
99	100		
42	27.9	23.5	35.3
71	33.2	25.6	38.4

Instrument :
BNA_F
ClientSampled :
NB-07-071421

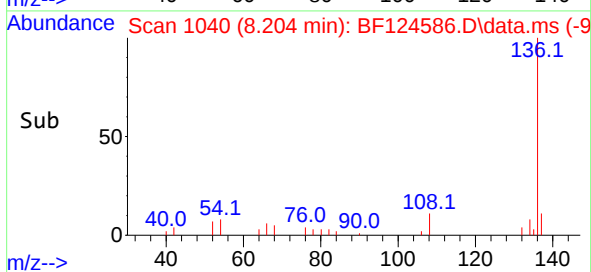
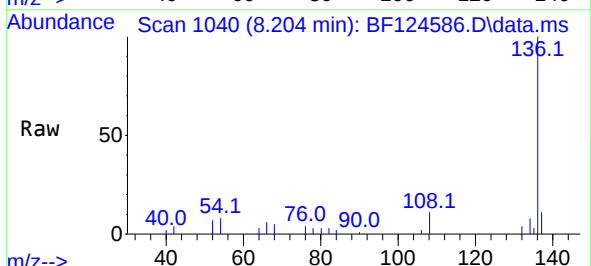
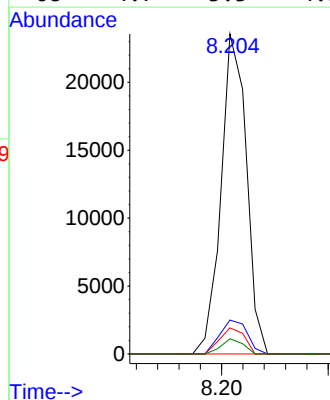
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

Tgt Ion:	136	Resp:	19441
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	8.2	6.4	9.6
68	4.7	3.3	4.9





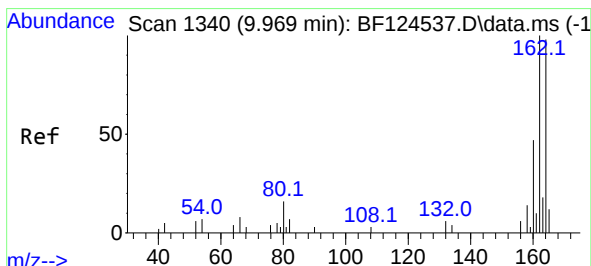
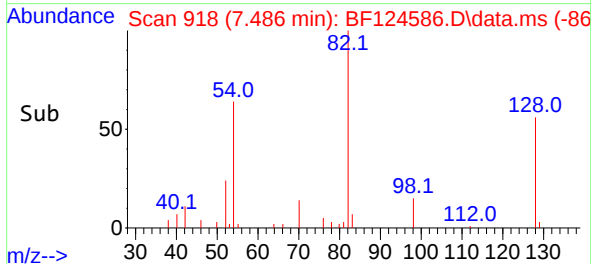
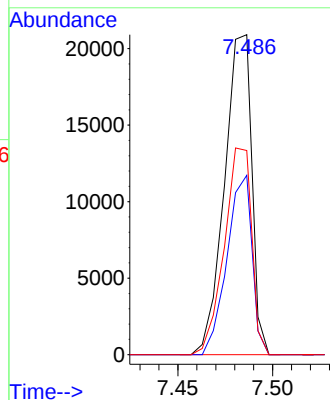
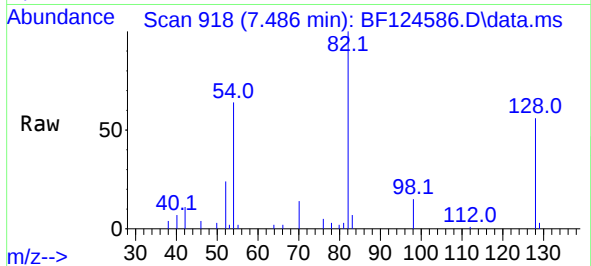
#23
Nitrobenzene-d5
Concen: 68.141 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

Tgt Ion:	82	Resp:	20985
Ion Ratio	Lower	Upper	
82	100		
128	56.1	40.6	60.8
54	63.8	49.6	74.4

Instrument :
BNA_F
ClientSampleId :
NB-07-071421

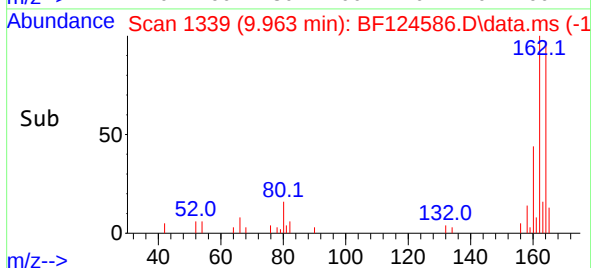
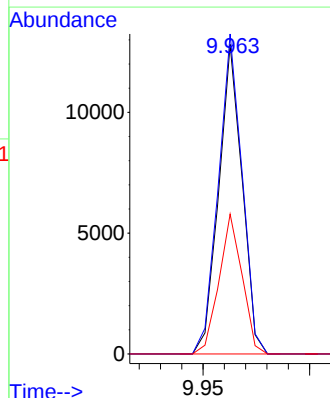
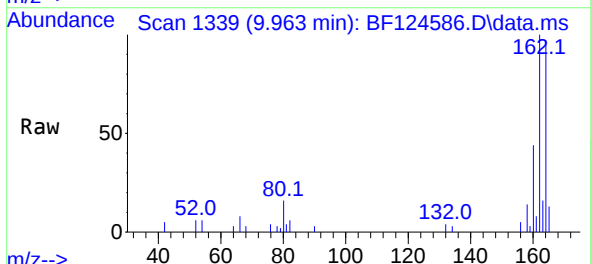
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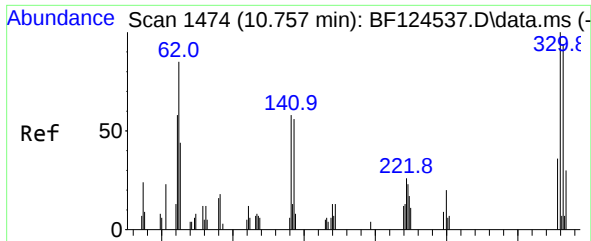
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

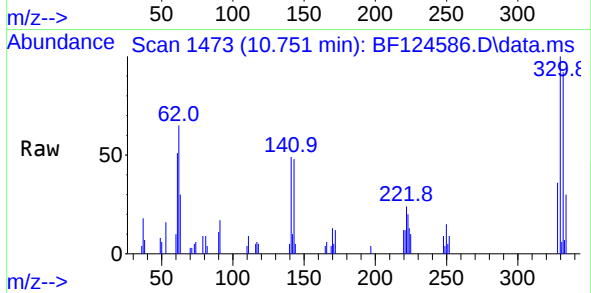
Tgt Ion:	164	Resp:	9754
Ion Ratio	Lower	Upper	
164	100		
162	103.3	81.3	121.9
160	45.1	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 89.415 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

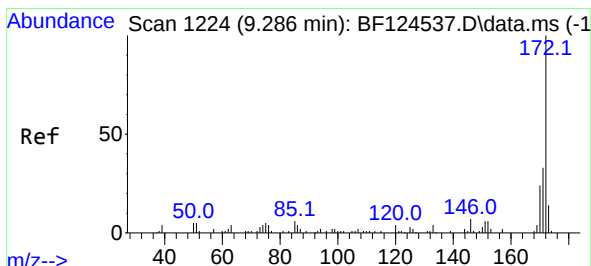
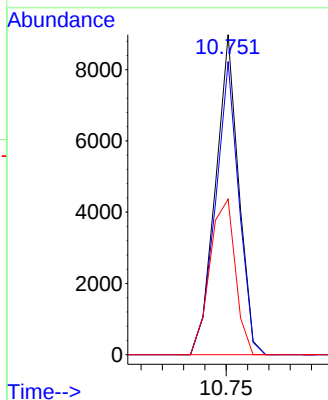
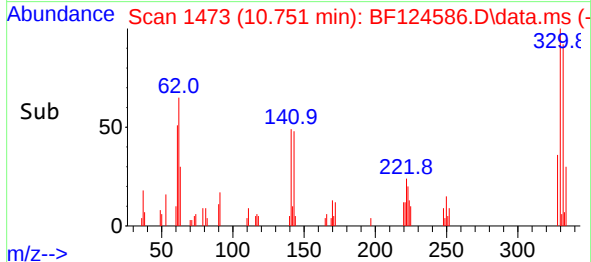
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BNA_F
ClientSampleId :
NB-07-071421



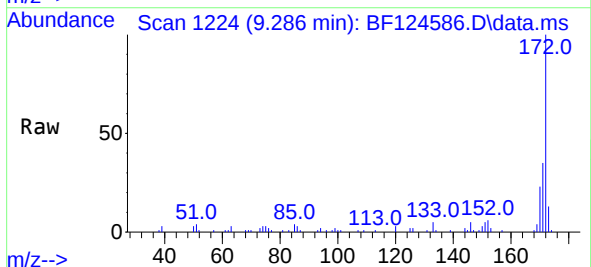
Tgt Ion: 330 Resp: 6787
Ion Ratio Lower Upper
330 100
332 92.0 76.2 114.4
141 53.2 44.6 66.8

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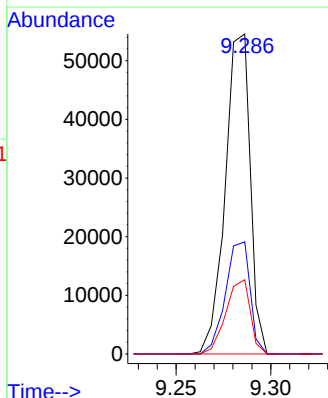
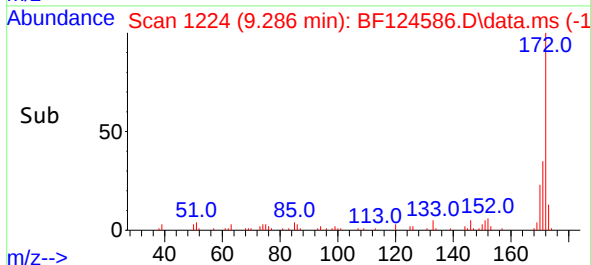
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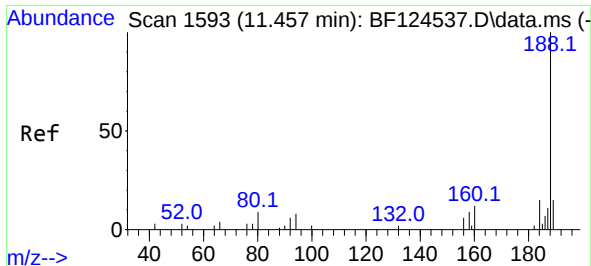


#45
2-Fluorobiphenyl
Concen: 74.716 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07



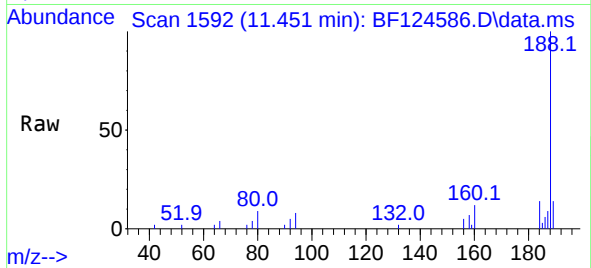
Tgt Ion: 172 Resp: 49977
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.2 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

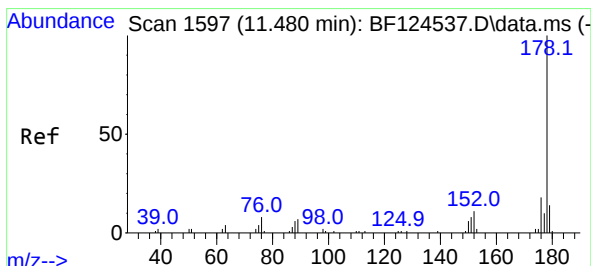
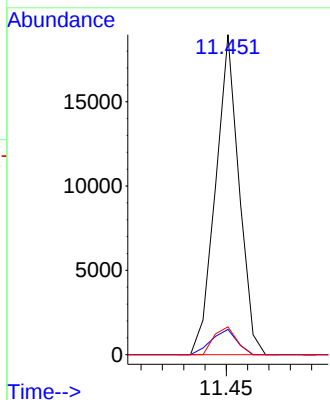
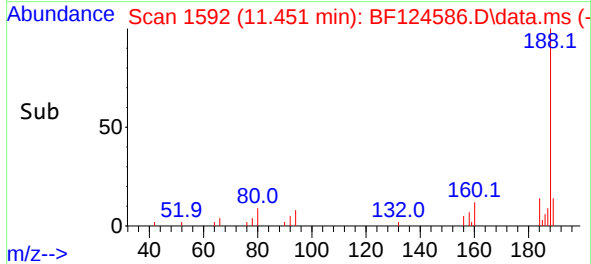
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BNA_F
ClientSampled :
NB-07-071421



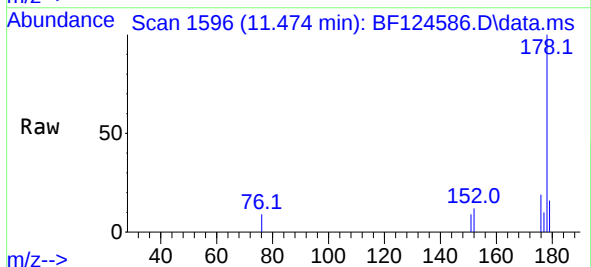
Tgt Ion:188 Resp: 14502
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.7 7.5 11.3

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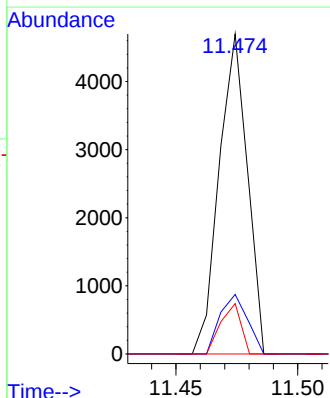
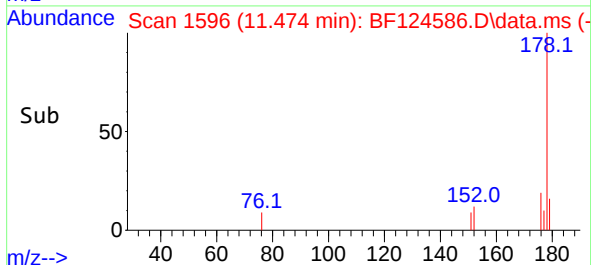
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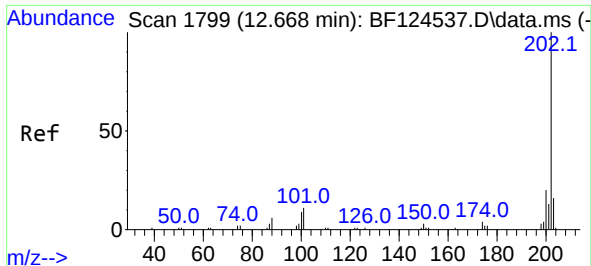


#71
Phenanthrene
Concen: 4.778 ng
RT: 11.474 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07



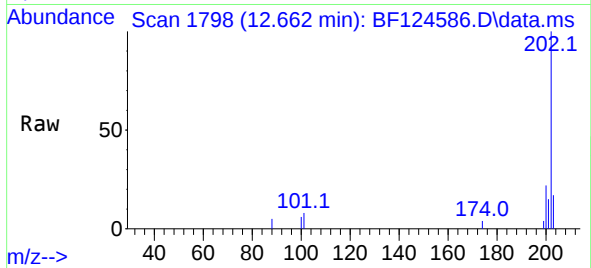
Tgt Ion:178 Resp: 3780
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.7 11.5 17.3





#75
Fluoranthene
Concen: 8.568 ng
RT: 12.662 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

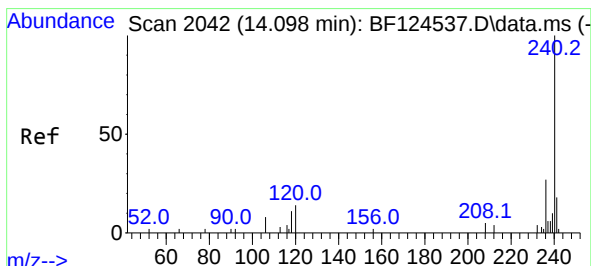
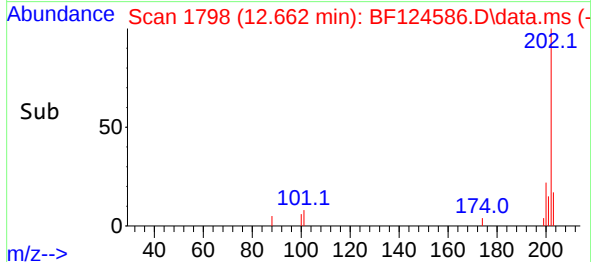
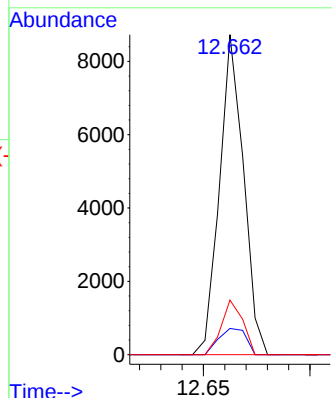
Instrument :
BNA_F
ClientSampled :
NB-07-071421



Tgt Ion:202 Resp: 6839
Ion Ratio Lower Upper
202 100
101 8.2 0.0 30.7
203 17.0 0.0 36.3

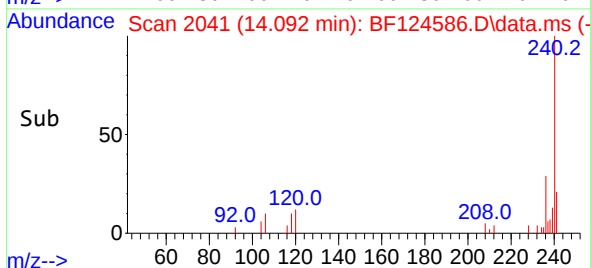
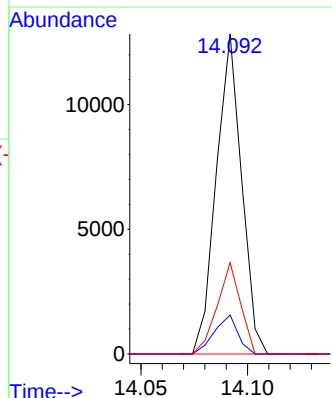
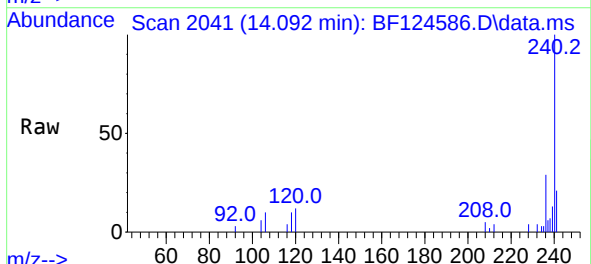
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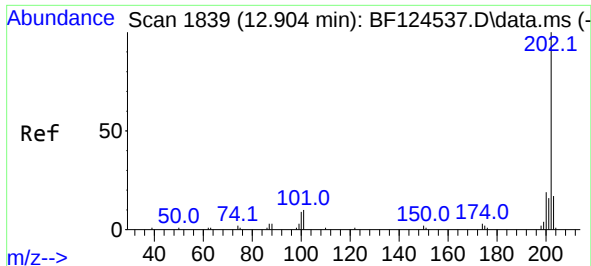
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

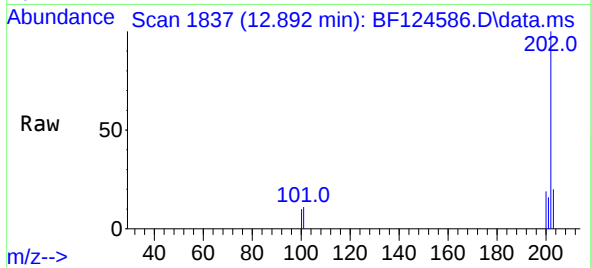
Tgt Ion:240 Resp: 10572
Ion Ratio Lower Upper
240 100
120 12.2 10.8 16.2
236 28.6 21.6 32.4





#78
Pyrene
Concen: 7.704 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

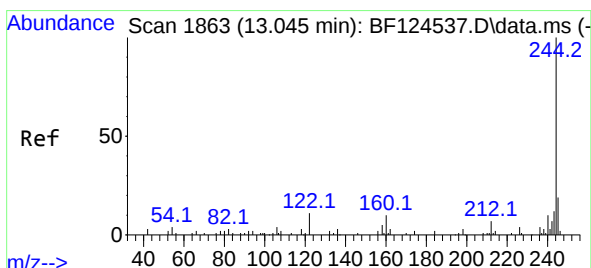
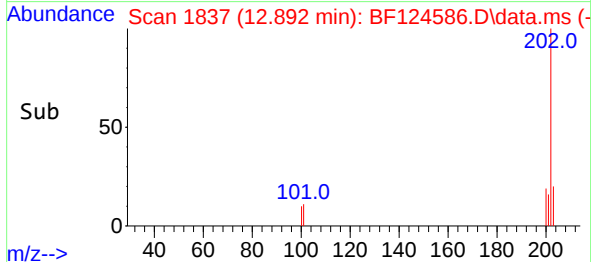
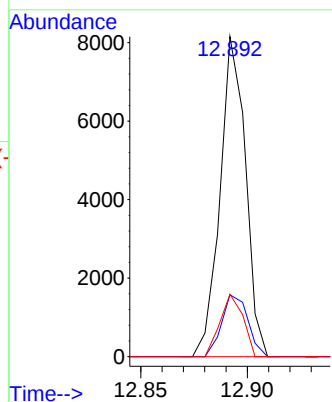
Instrument :
BNA_F
ClientSampleId :
NB-07-071421



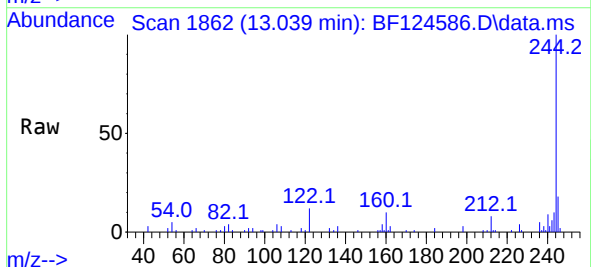
Tgt Ion:202 Resp: 6767
Ion Ratio Lower Upper
202 100
200 19.4 15.3 22.9
203 19.5 13.4 20.0

Manual Integrations
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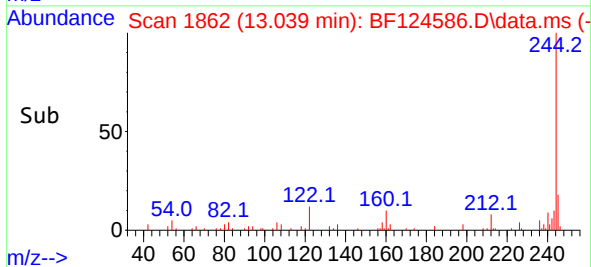
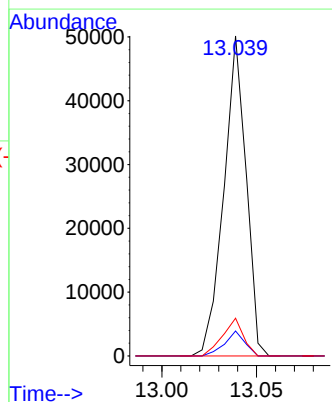
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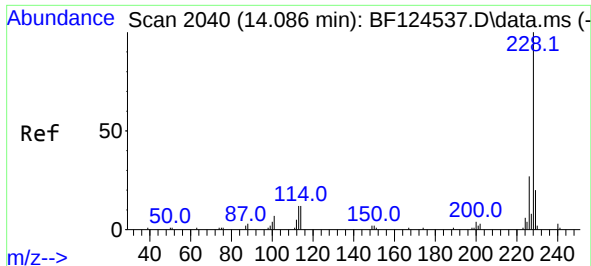


#79
Terphenyl-d14
Concen: 65.100 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07



Tgt Ion:244 Resp: 40986
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 11.8 9.0 13.4





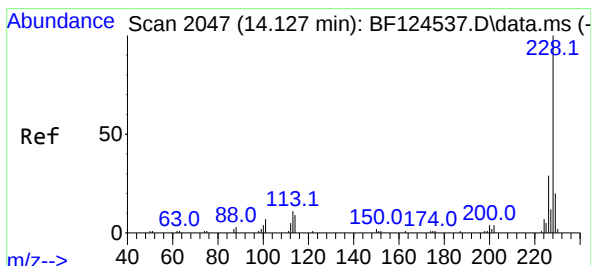
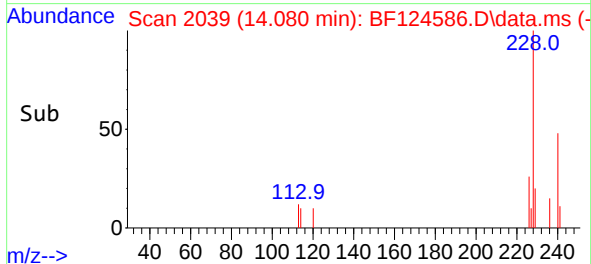
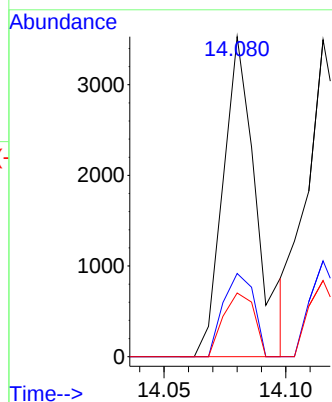
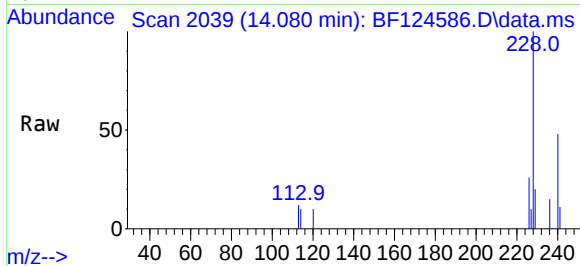
#81
Benzo(a)anthracene
Concen: 4.795 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

Instrument :
BNA_F
ClientSampled :
NB-07-071421

Tgt Ion:228 Resp: 3362
Ion Ratio Lower Upper
228 100
226 26.0 21.6 32.4
229 19.9 15.6 23.4

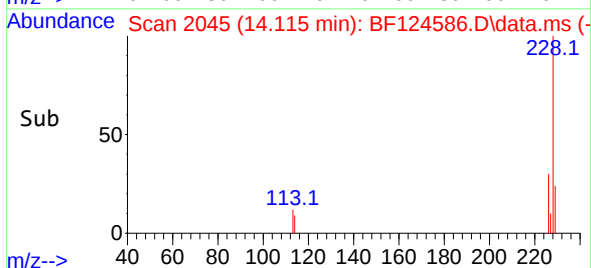
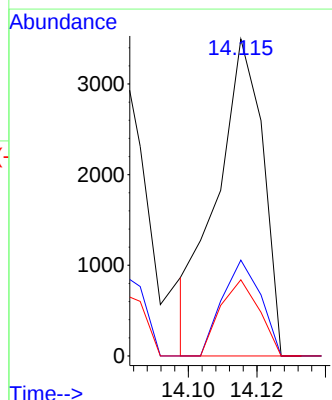
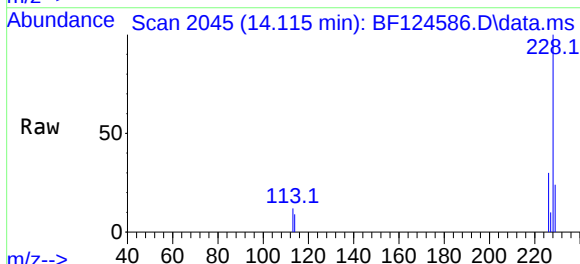
Manual Integrations
APPROVED

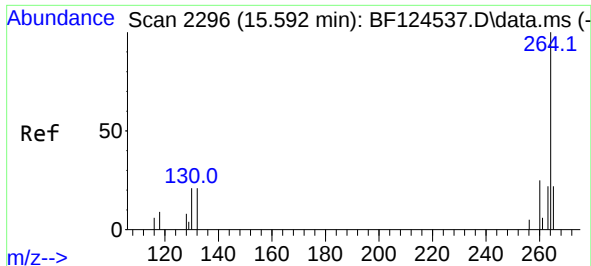
mohammad
7/16/2021 10:55:46 AM



#83
Chrysene
Concen: 4.831 ng m
RT: 14.115 min Scan# 2045
Delta R.T. -0.012 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

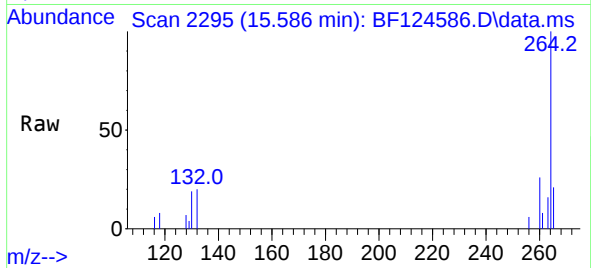
Tgt Ion:228 Resp: 3245
Ion Ratio Lower Upper
228 100
226 30.3 22.6 34.0
229 24.0 15.9 23.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

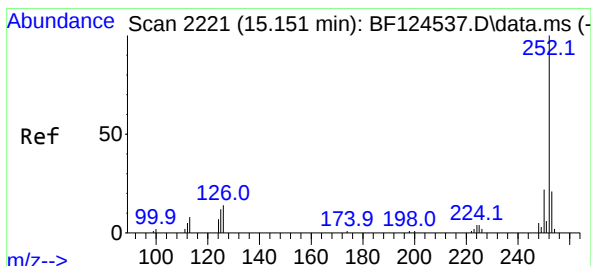
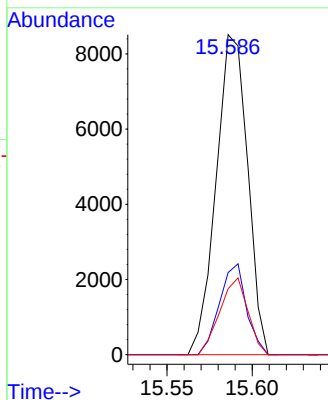
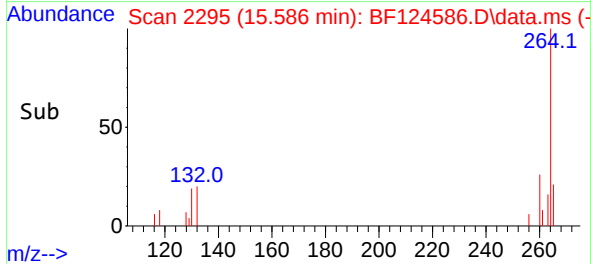
Instrument :
BNA_F
ClientSampled :
NB-07-071421



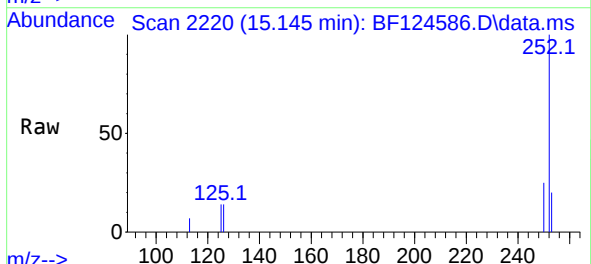
Tgt Ion:264 Resp: 10916
Ion Ratio Lower Upper
264 100
260 25.7 19.6 29.4
265 20.6 17.2 25.8

Manual Integrations
APPROVED

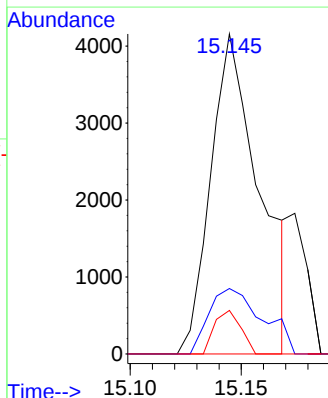
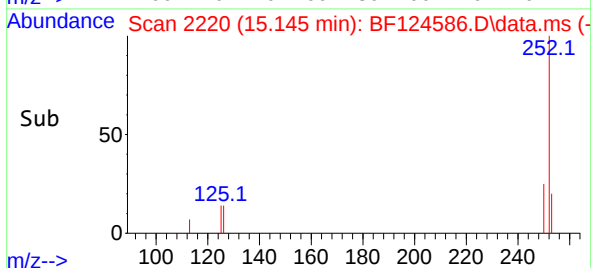
mohammad
7/16/2021 10:55:46 AM

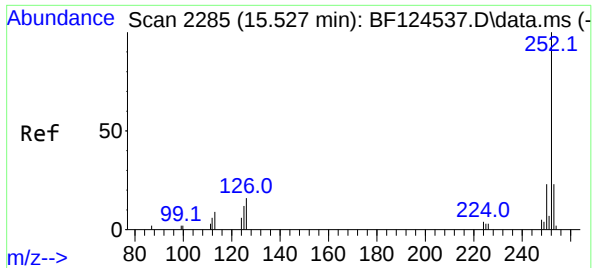


#88
Benzo(b)fluoranthene
Concen: 8.074 ng m
RT: 15.145 min Scan# 2220
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07



Tgt Ion:252 Resp: 6326
Ion Ratio Lower Upper
252 100
253 20.5 16.8 25.2
125 13.6 9.8 14.8





#90
Benzo(a)pyrene
Concen: 5.685 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.006 min
Lab File: BF124586.D
Acq: 15 Jul 2021 23:07

Tgt Ion:252 Resp: 3677
Ion Ratio Lower Upper
252 100
253 23.5 18.4 27.6
125 10.6 9.9 14.9

Instrument :
BNA_F
ClientSampleId :
NB-07-071421

Manual Integrations
APPROVED

mohammad
7/16/2021 10:55:46 AM

