Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
Data File : BF126720.D
Acq On : 28 Jan 2022 17:04
Operator : CG/JU
Sample : N1319-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-2S

Quant Time: Jan 29 02:27:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 27 03:09:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	175855	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	685306	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	355753	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	571086	20.000	ng	0.00
76) Chrysene-d12	14.139	240	361634	20.000	ng	# 0.00
86) Perylene-d12	15.657	264	350182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1176714	88.052	ng	0.00
7) Phenol-d6	6.575	99	1593105	85.801	ng	0.00
23) Nitrobenzene-d5	7.516	82	1105946	63.166	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	285139	85.645	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1387130	59.715	ng	0.00
79) Terphenyl-d14	13.080	244	1310690	60.790	ng	0.00
Target Compounds						Qvalue

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

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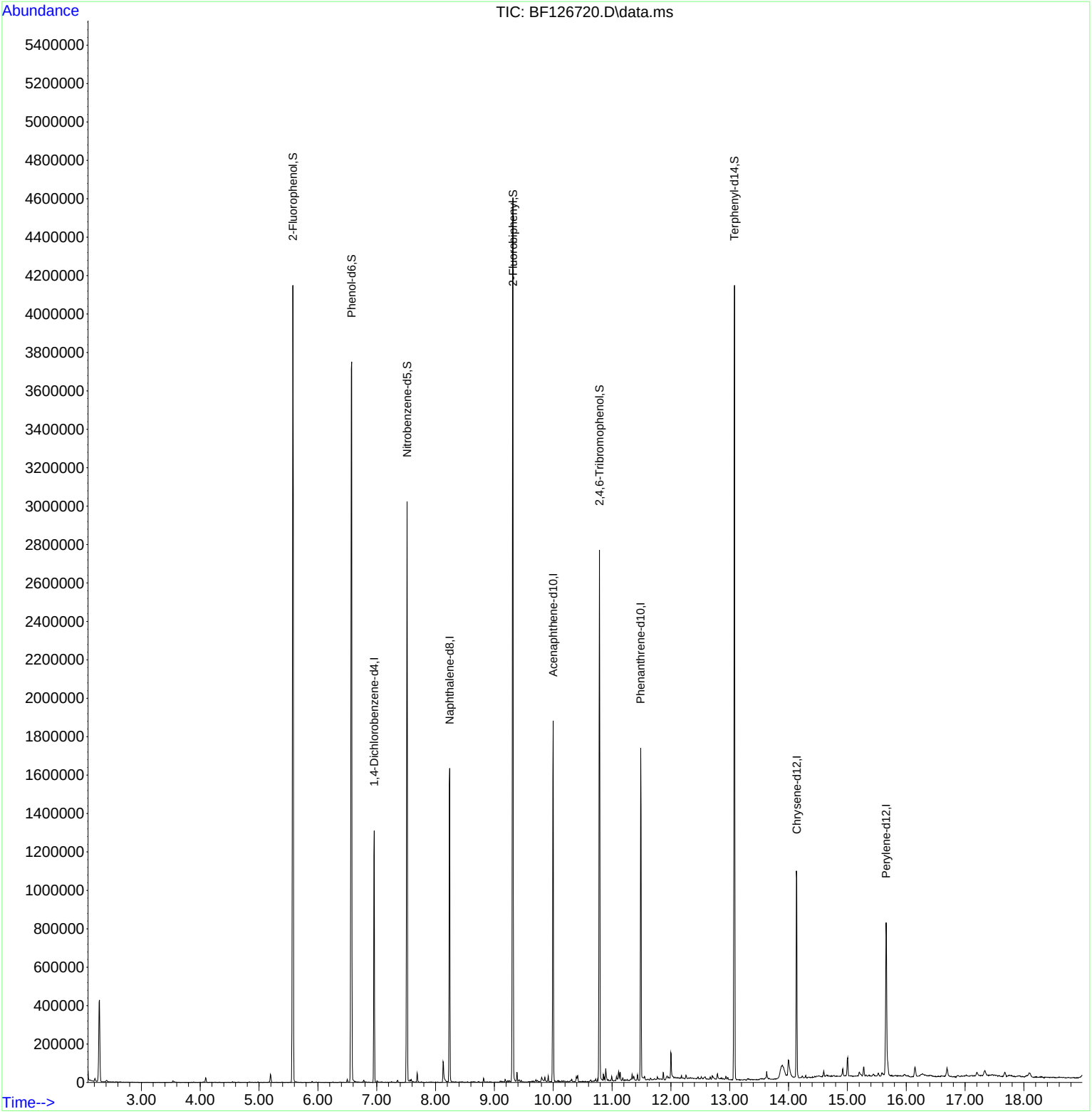
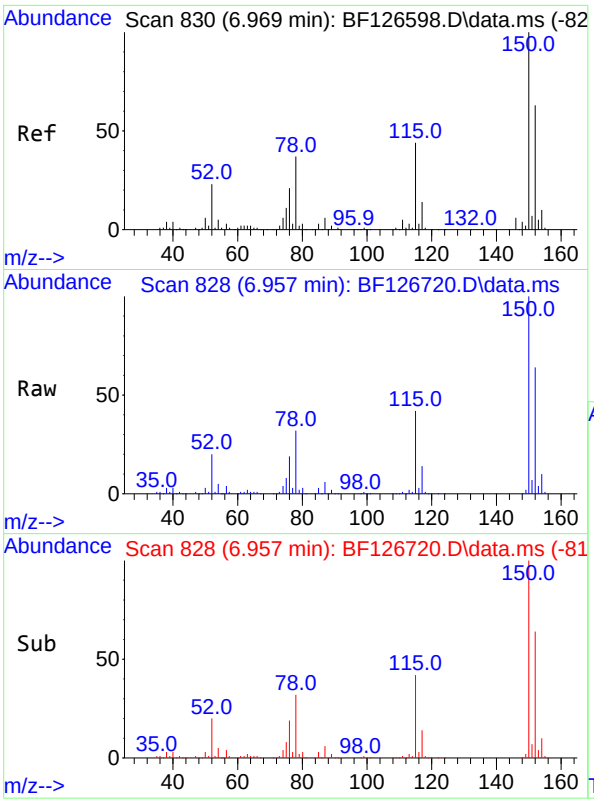


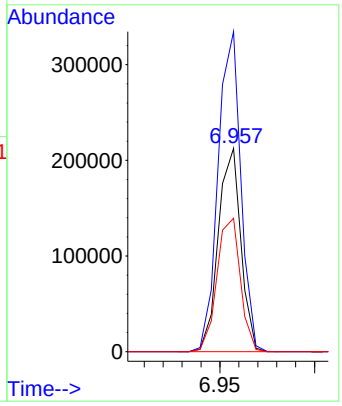


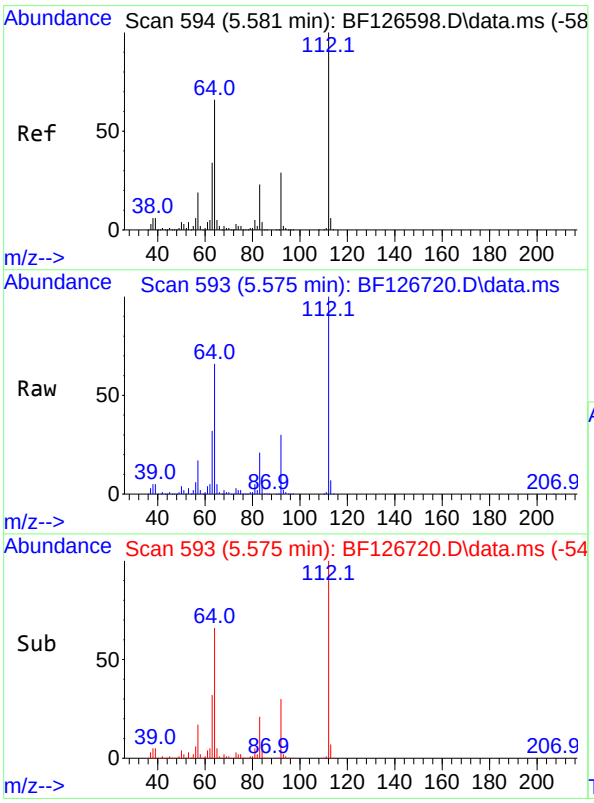
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

Instrument :
BNA_F
ClientSampleId :
MH-2S

Tgt Ion:152 Resp: 175855

Ion	Ratio	Lower	Upper
152	100		
150	157.3	128.1	192.1
115	65.6	56.7	85.1

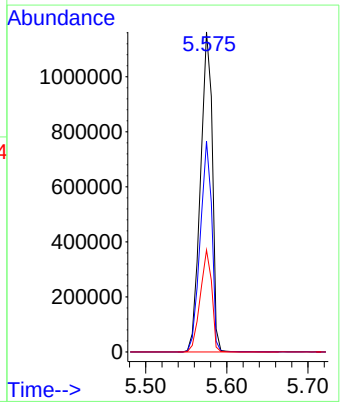


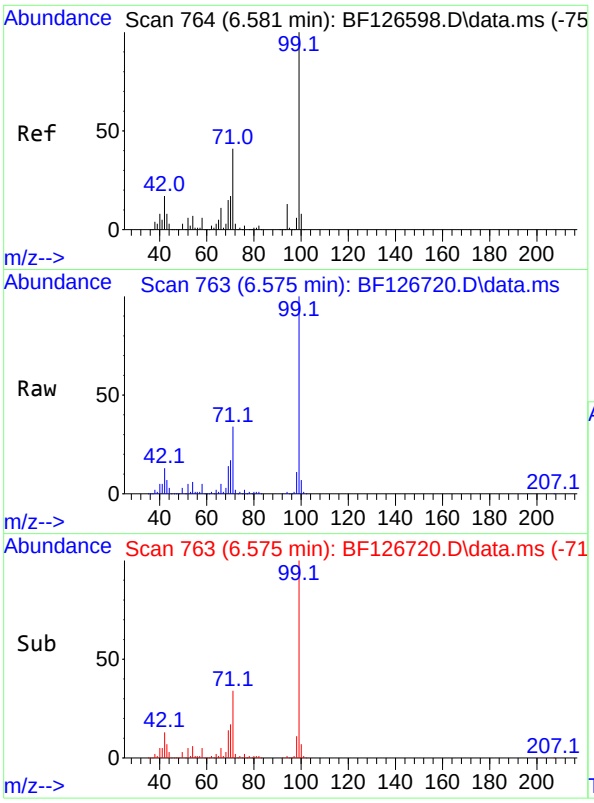


#5
2-Fluorophenol
Concen: 88.052 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.006 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

Tgt Ion:112 Resp: 1176714

Ion	Ratio	Lower	Upper
112	100		
64	65.9	49.5	74.3
63	31.8	23.9	35.9



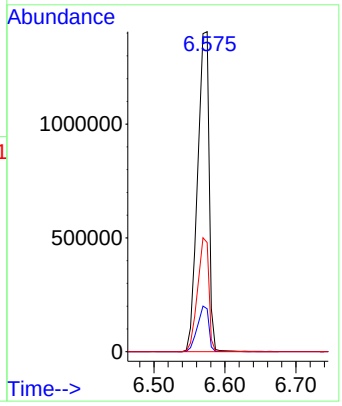


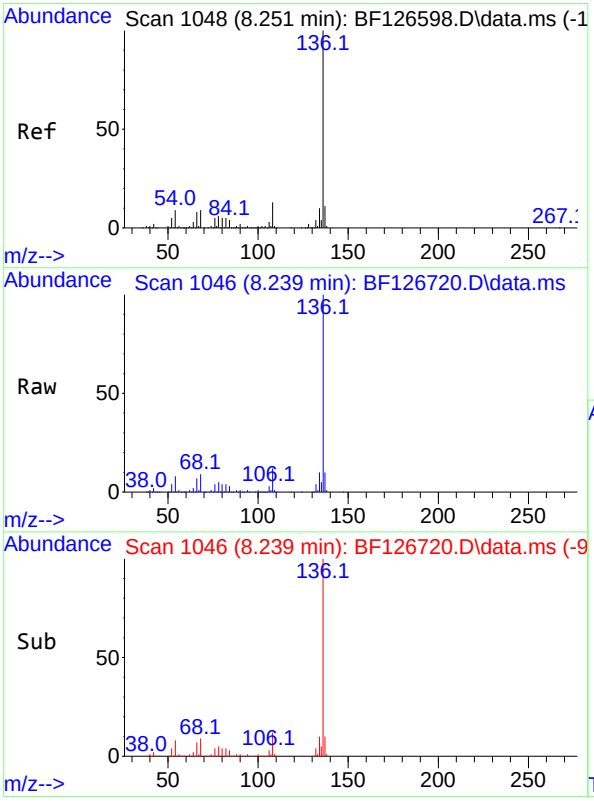
#7
Phenol-d6
Concen: 85.801 ng
RT: 6.575 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

Instrument :
BNA_F
ClientSampleId :
MH-2S

Tgt Ion: 99 Resp: 1593105

Ion	Ratio	Lower	Upper
99	100		
42	13.4	14.2	21.4#
71	34.1	24.3	36.5

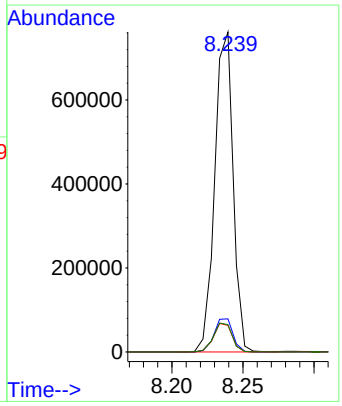


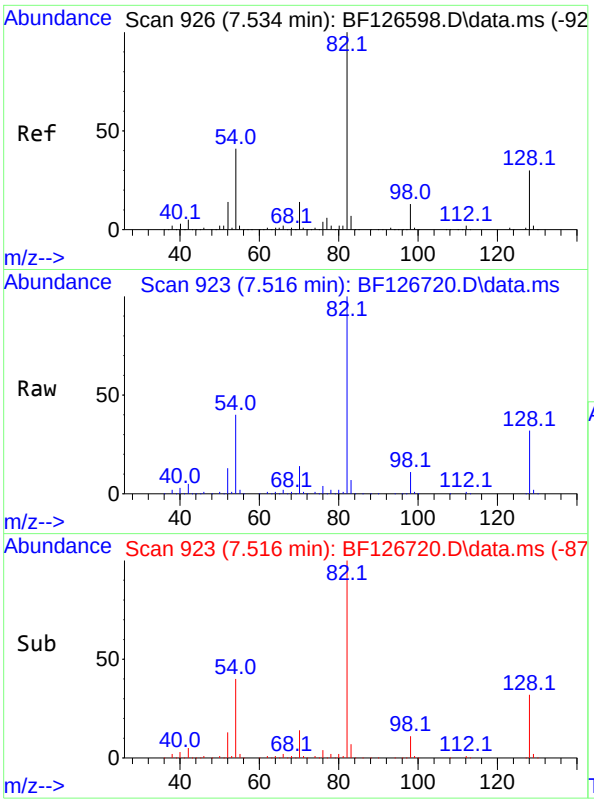


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

Tgt Ion:136 Resp: 685306

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	8.3	7.8	11.6
68	8.6	6.3	9.5



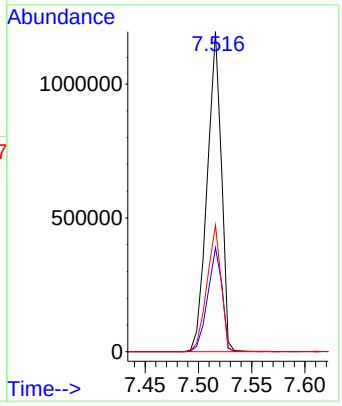


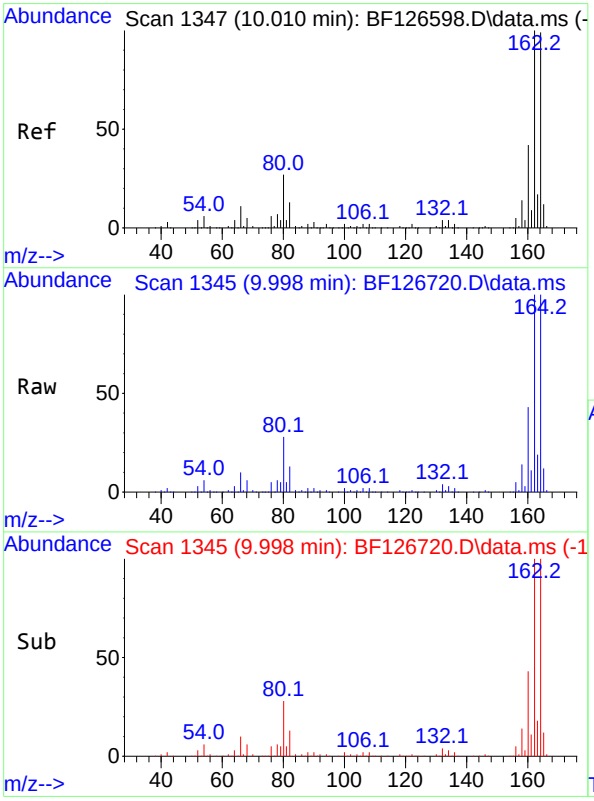
#23
Nitrobenzene-d5
Concen: 63.166 ng
RT: 7.516 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

Instrument :
BNA_F
ClientSampleId :
MH-2S

Tgt Ion: 82 Resp: 1105946

Ion	Ratio	Lower	Upper
82	100		
128	32.4	32.7	49.1#
54	39.6	41.7	62.5#

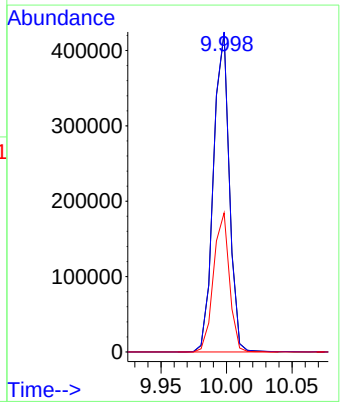


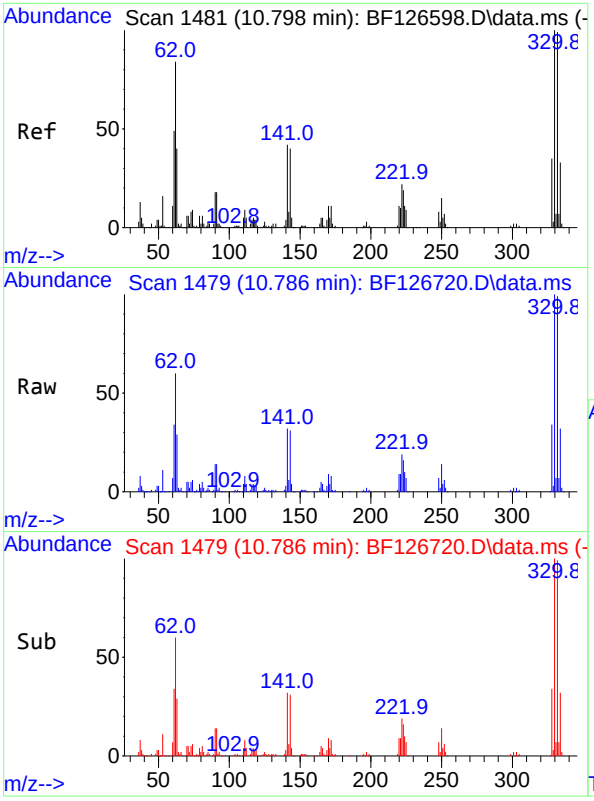


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

Tgt Ion:164 Resp: 355753

Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.4	122.0
160	43.6	36.6	54.8



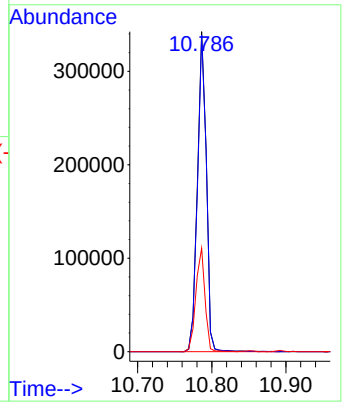


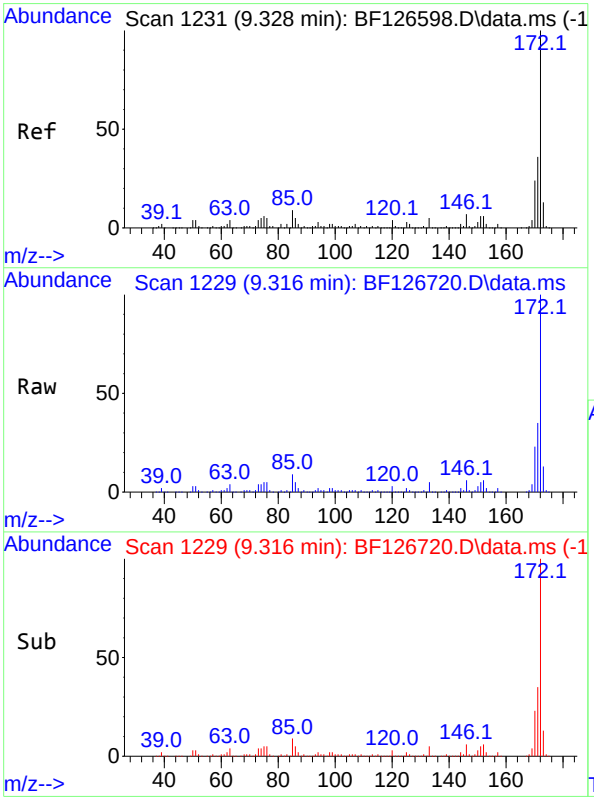
#42
2,4,6-Tribromophenol
Concen: 85.645 ng
RT: 10.786 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

Instrument :
BNA_F
ClientSampleId :
MH-2S

Tgt Ion:330 Resp: 285139

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.0	114.0
141	33.1	30.1	45.1

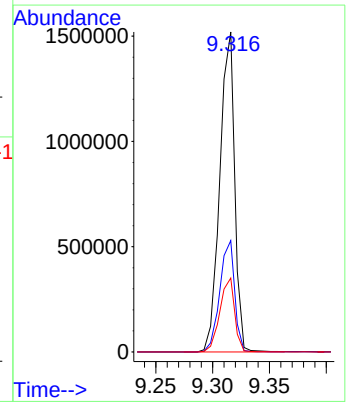


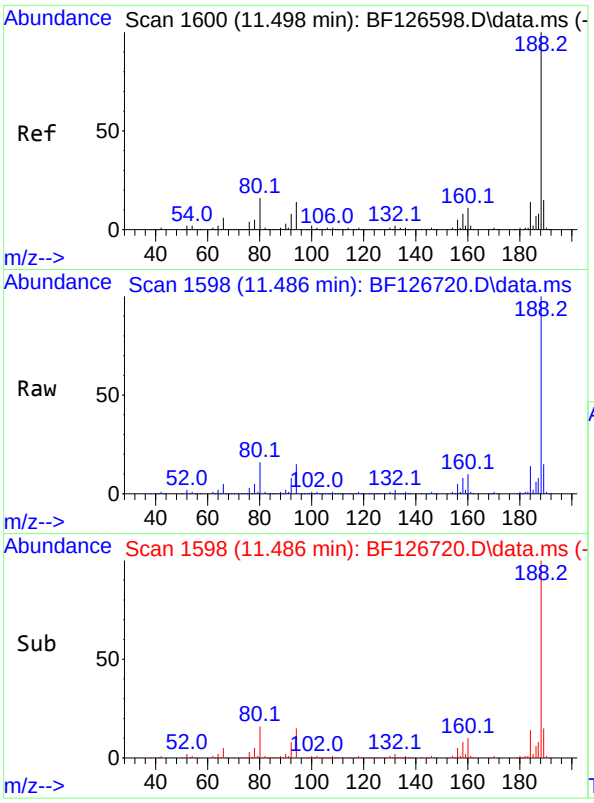


#45
2-Fluorobiphenyl
Concen: 59.715 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

Tgt Ion:172 Resp: 1387130

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	23.1	19.0	28.6



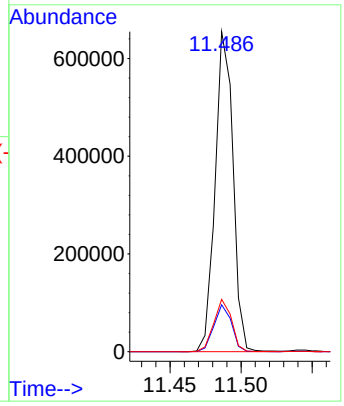


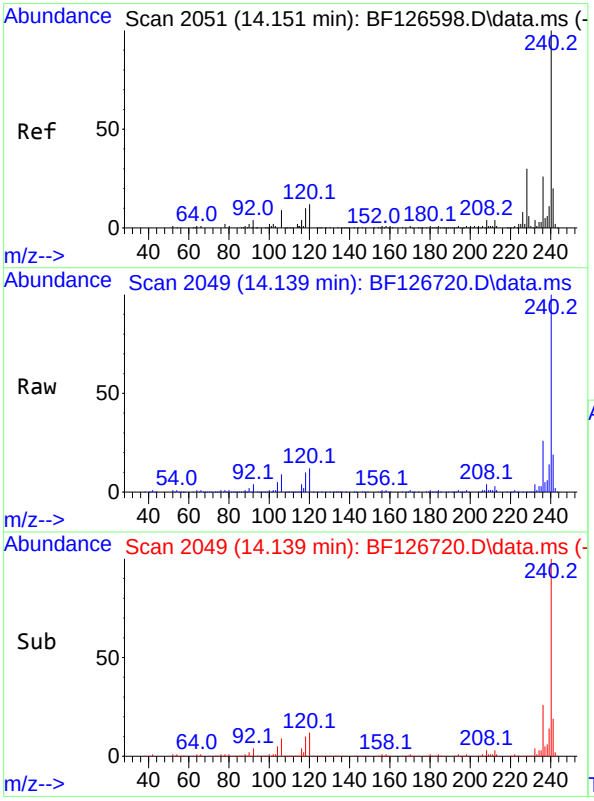
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

Instrument :
BNA_F
ClientSampleId :
MH-2S

Tgt Ion:188 Resp: 571086

Ion	Ratio	Lower	Upper
188	100		
94	14.6	10.1	15.1
80	16.4	11.8	17.6

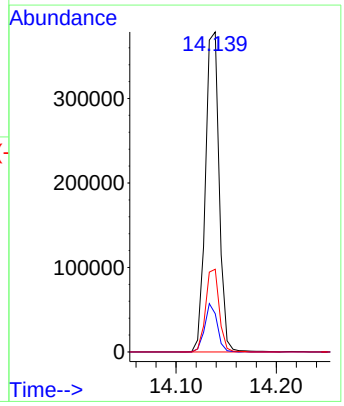


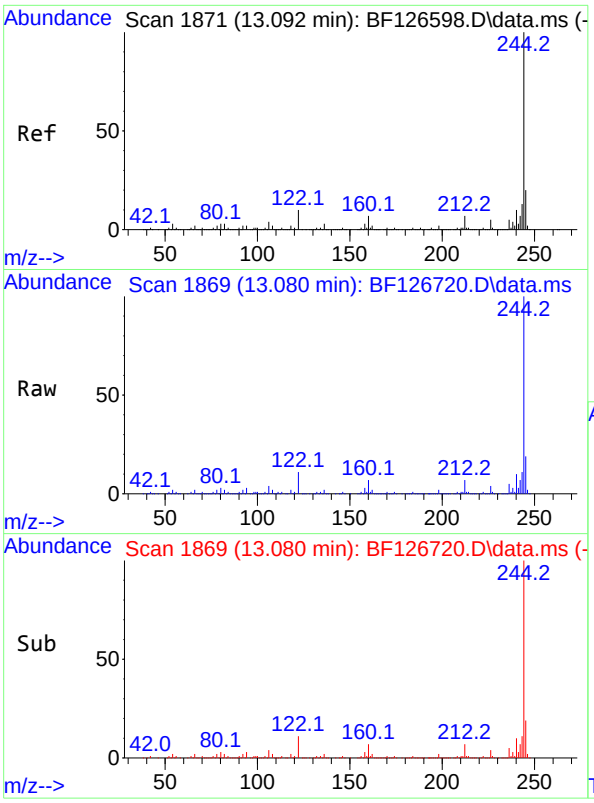


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

Tgt Ion:240 Resp: 361634

Ion	Ratio	Lower	Upper
240	100		
120	12.0	14.4	21.6#
236	25.9	20.5	30.7



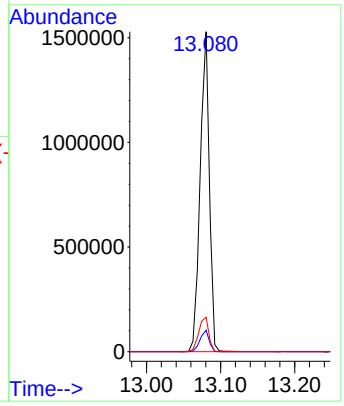


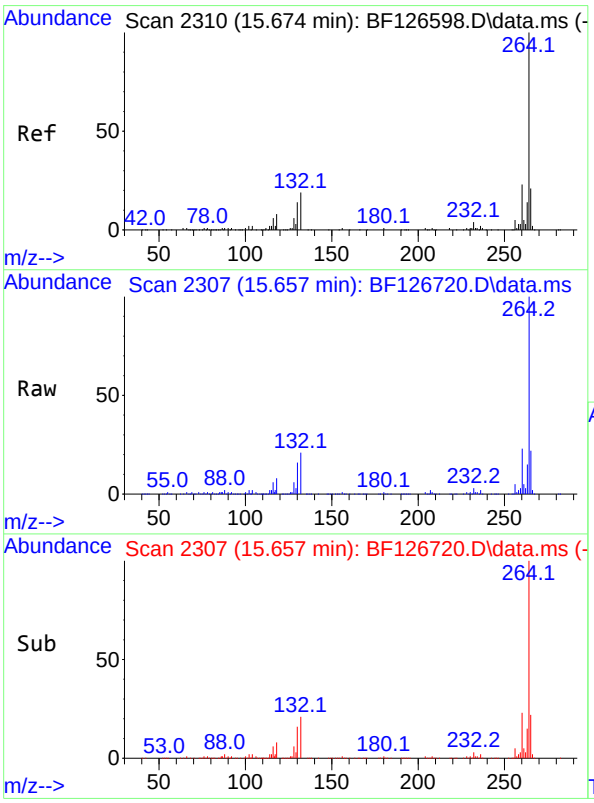
#79
Terphenyl-d14
Concen: 60.790 ng
RT: 13.080 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

Instrument :
BNA_F
ClientSampleId :
MH-2S

Tgt Ion:244 Resp: 1310690

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.0	7.4
122	10.8	13.3	19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 2307
Delta R.T. -0.006 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

Tgt Ion:264 Resp: 350182

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	22.2	17.4	26.2